

JOHN A. LOGAN COLLEGE

2020-2021 Catalog Addendum

Program Guides



Why would you go anywhere else?



John A. Logan College

Associate in Arts Degree Toward a Bachelor's Degree in Actuarial Science

Transfer Curriculum 000AA0086

Associate in Arts: 64 Hrs. Min.

Major Code: 1.1 270199

Effective Date: Fall 2020

GENERAL EDUCATION (IAI GECC, 37-38 CREDITS)

The Illinois Articulation Initiative (IAI) General Education Core Curriculum (GECC) requires 12 to 13 courses from the following five areas. Courses selected to meet IAI GECC requirements may also meet course requirements for a specific major.

IAI COMMUNICATIONS (3 COURSES)

	Sem.	Grade
ENG 101 or ENG 113 (C grade or higher)	_____	_____
ENG 102 (C grade or higher)	_____	_____
COM 115 Speech (3)	_____	_____

IAI HUMANITIES AND FINE ARTS (3 COURSES)

At least one course must be an IAI Fine Arts elective and one course must be an IAI Humanities elective.

	Sem.	Grade
Fine Arts Elective (3)	_____	_____
PHL 121 or Humanities Elective (3)	_____	_____
Humanities or Fine Arts Elective (3)	_____	_____

IAI Fine Arts Electives:

Art: ART 111, 220, 221, 291

Literature: LIT 275

Music: MUS 105, 225

Theater: THE 113

IAI Humanities Electives:

Foreign Language: FRE 202, GER 202, SPN 202

History: HIS 101, 102, 213

Literature: LIT 210, 230, 235, 264, 280, 281, 284, 295

Philosophy: PHL 111, 121, 131, 200, 260

IAI MATHEMATICS (1 COURSE)

	Sem.	Grade
MAT 131 Calculus I (5)	_____	_____

IAI SOCIAL AND BEHAVIORAL SCIENCES (3 COURSES)

At least two different disciplines (course prefixes) must be represented.

	Sem.	Grade
ECO 201 Macroeconomics (3)	_____	_____
ECO 202 Microeconomics (3)	_____	_____
Social Science Elective (3)	_____	_____

IAI Social and Behavioral Sciences Electives:

Anthropology: ANT 111, 202, 216, 240

Economics: ECO 201, 202

Geography: GEO 112

History: HIS 103, 104, 201, 202

Political Science: PSC 131, 211, 212, 213, 289

Psychology: PSY 132, 200, 203, 262

Sociology: SOC 133, 221, 263, 264

IAI PHYSICAL/LIFE SCIENCES (2 COURSES)-7 CREDITS

One course must be at least 4 credit hours and include a lab component.

	Sem.	Grade
Life Science Elective	_____	_____
PHY 205 University Physics or Elective	_____	_____

IAI Life Science Electives:

Biology: BIO 100, 101, 105, 225

Interdisciplinary: PHS 101 with PHS 111, SCI 210A and SCI 210B

Life Science: SCI 215

IAI Physical Science Electives:

Chemistry: CHM 141, 151

Interdisciplinary: PHS 101 with PHS 111, SCI 210A and SCI 210B

Physical Science: PHS 102,103,105,107

Physics: PHY 121, 155, 205

MAJOR AND GENERAL ELECTIVE REQUIREMENTS (IAI GECC and major/elective credits must total a minimum of 64 hours).

	Sem.	Grade
ORI 100 (1)	_____	_____
MAT 201 Calculus II	_____	_____
MAT 202 Calculus III (3)	_____	_____
Foreign Language (8-16)	_____	_____
ACC 200 Financial Accounting I (3)	_____	_____
ACC 201 Financial Accounting II (3)	_____	_____
ACC 202 Managerial Accounting or Elective (3)	_____	_____

Articulation Notes: Consult with the transfer institution to determine if certain courses require a grade of "C" or higher, or if there is a minimum grade point average for admission to your declared major. Please select courses on this guide in accordance with the Articulation Notes for your transfer institution. Some four-year universities will apply up to 70-78 hours of transfer credit. Verify with your intended university the number of hours completed that will be applicable toward a specific program of study before transferring. Investigate the required Professional Actuarial Examinations to determine the schedule and if one or more are required prior to entering the junior year.

SIUC

Offers a B.A. degree in Mathematics with a specialization in Actuarial Mathematics under the College of Liberal Arts. Take one year of a foreign language: FR 101/102 (FR 123A/B), GER 101/102 (GER 126A/B) or SPN 101/102 (SPAN 140A/B) A. Take ENG 113 (with ENG 101/102, ENG 113 will substitute for ENGL 291). Take two courses to satisfy an International Coursework requirement for the College of Liberal Arts (ART 220, 223, HIS 101A, 101B, 223, ANT 111, PSC 289). Take MAT 131 (MATH 150), MAT 201 (MATH 250), MAT 202 (MATH 251) and MAT 221 (MATH 221). Take CPS 202 (CS 202). Take MAT 205 (MATH 305) to meet a Group C-Applied Mathematics requirement. Take additional courses required for VEE examinations: ECO 202 (ECON 240) and ECO 201 (ECON 241), ACC 200/201 (ACCT 220) and ACC 202 (ACCT 230). Students become Actuaries by taking three Validation by Educational Experience (VEE) course sequences and by passing professional examinations given by the society of Actuaries (SOA) and Casualty Actuarial Society (CAS). Students are required to complete three VEE course sequences and are encouraged to pass EXAM P/1., FM/2 and either MLC/3L or C/4.

ISU

Offers an Actuarial Science sequence under Mathematics. Take MAT 131 (MAT 145), MAT 201 (MAT 146), MAT 202 (MAT147) and MAT 221 (MAT175). Take ACC 200/201 (ACC 131) and ACC 202 (ACC 132). Take ECO 201 (ECO 101) and ECO 202 (ECO 102). Take MAT 282 (MQM 100). Take CPS 206 (IT 168). To meet the AMALI graduation requirement, take one of the following: ANT 111, 216, GEO 112, HIS 103, 104, 213, HUM 120, PSC 120, 212, 213, PHL 200 or 260. If you are seeking the B.S degree option, you need to meet the SMT (Science, Mathematics and Technology) requirement. Select a course from BIO 105, 226, 240, 275, CHM 142, 201, MAT 120 or 282, PHS 107, MAT 117, 201, 202, CPS 202 or MAT 125, MAT 221, BUS 121 or MAT 282, PHY 156, 206. If you are seeking the B.A. degree option, you will need to complete LAN 115 or the equivalent (FRE 201, GER 201 or SPN 201).

UIUC

Offers Mathematics and Actuarial Sciences under the College of Liberal Arts and Sciences. To graduate, the fourth level of one language is required (take SPN 101/102/201/202, GER 101/102/201/202 or FRE 101/102/201/202). Take MAT 131 (MATH 220), MAT 201 (MATH 231) and MAT 202 (MATH 241). UIUC requires MATH 292 (bridge course) to get 241 credit. Take CPS 206 (CS 101), ECO 202 (ECON 102), ECO 201 (ECON 103) and a financial Accounting course (ACC 200/201). A 2.70 or higher GPA is required for admission A grade of B or higher is required for each Mathematics course taken.

SIUE

Offers an Actuarial Science specialization under Mathematical Studies (B.A. or B.S. degree options). Take MAT 131 (MATH 150), MAT 201 (MATH 152), MAT 202 (MATH 250), MAT 205 (MATH 305) and MAT 221 (MATH 321). Take ECO 201 (ECON 111) and ECO 202 (ECON 112). Take PHY 205 (PHYS 151/151L). Take ACC 200/201 (ACCT 200) and ACC 202 (ACCT 210).

SIUE's CS 145 is required but CS 140 (CPS 206 at JALC) can satisfy this requirement. The most popular minor for this major is computer science. For this minor with Mathematical Studies, CS 140 (CPS 206) is the better option and satisfies the minor requirement.

Students pursuing the B.A. degree option will need two semesters of the same foreign language (SPN 101/102, FRE 101/102 or GER 101/102)



John A. Logan College

Associate in Arts in Agribusiness Economics

Transfer Curriculum 000AA0086
Minimum Hours: 64
Major Code: 1.1 010103
Effective Date: Fall 2019

GENERAL EDUCATION (IAI GECC, 37-38 credits)

The Illinois Articulation Initiative (IAI) General Education Core Curriculum (GECC) requires 12 to 13 courses. Courses selected to meet IAI GECC requirements may also meet course requirements for a specific major.

IAI COMMUNICATION (9 HOURS)

	Sem.	Grade
ENG 101 or ENG 113 (C grade or higher)	_____	_____
ENG 102 (C grade or higher)	_____	_____
COM 115 Speech	_____	_____

IAI HUMANITIES AND FINE ARTS (9 HOURS)

At least one course must be an IAI Fine Arts elective and one course must be an IAI Humanities elective.

	Sem.	Grade
Fine Arts Elective	_____	_____
Humanities Elective	_____	_____
Humanities or Fine Arts Elective	_____	_____

IAI Fine Arts Electives:

Art: ART 111, 220, 221, 291

Literature: LIT 275

Music: MUS 105, 225

Theater: THE 113

IAI Humanities Electives:

Foreign Language: FRE 202, GER 202, SPN 202

History: HIS 101, 102, 213

Literature: LIT 211, 212, 231, 232, 235, 264, 280, 281, 284, 295

Philosophy: PHL 111, 121, 131, 200, 260

IAI MATHEMATICS (1 COURSE)

	Sem.	Grade
MAT 117 (4) or MAT 131 (5) or MAT 120 (3) or MAT 119 or MAT 282 (3) or MAT 116 (3)	_____	_____

IAI SOCIAL AND BEHAVIORAL SCIENCES (9 HOURS)

At least two different disciplines (course prefixes) must be represented.

	Sem.	Grade
ECO 201 (3)	_____	_____
ECO 202 (3)	_____	_____
Social Science Elective (3)	_____	_____

IAI PHYSICAL/LIFE SCIENCES (7-8 HOURS)

One course must include a lab component.

	Sem.	Grade
BIO 101 (4) or Life Science Elective	_____	_____
CHM 141 (4) or CHM 151 (5) or Physical Science Elective	_____	_____

IAI Life Science Electives:

Biology: BIO 100, 101, 105, 225

Interdisciplinary: PHS 101 with PHS 111, SCI 210A and SCI 210B

Life Science: SCI 215

IAI Physical Science Electives:

Chemistry: CHM 141, 151

Interdisciplinary: PHS 101 with PHS 111, SCI 210A and SCI 210B

Physical Science: PHS 102, 103, 105, 107

Physics: PHY 121, 155, 205

NOTES AND INFORMATION

MAJOR AND GENERAL ELECTIVE REQUIREMENTS

IAI GECC and major/elective credits must total a minimum of 64 hours for the degree.) Select courses on this guide in accordance with the Articulation Notes. Students planning to transfer to other four year institutions should follow the recommendations outlined in that colleges course catalog. Course equivalencies may be found on that college website or on the Transferology website at www.itransfer.org

	Sem.	Grade
ORI 100 (1)	_____	_____
ACC 200 (3)	_____	_____
ACC 201 (3)	_____	_____
ACC 202 or Elective (3)	_____	_____
MAT 117 (4) or MAT 131 (5) or MAT 116 (3) or MAT 108 (4)	_____	_____
AGR 101 (3)	_____	_____
AGR 112 (3)	_____	_____
AGR or General Elective	_____	_____
AGR or General Elective	_____	_____
AGR or General Elective	_____	_____

ARTICULATION NOTES: Consult your academic advisor and/or transfer institution to assess if any courses required for your major require a grade of C or higher and if there is a minimum grade point average needed for admission consideration into your major.

IAI Agriculture Major Panel:

For a major in AG Econ and Agribusiness, this panel recommends AGR 101-3 (IAI AG 901-Intro to Agricultural Economics), AGR 112-3 (IAI AG 913-Introductory Microcomputer Skills in Agriculture), ECO 201-3 (S3 902 Principles of Microeconomics) and/or ECO 201-3 (S3 901- Principles of Macroeconomics), and BUS 903 -ACC 200-3/201-3 (Financial Accounting) and ACC 202-3 (IAI BUS 904-Managerial Accounting). MAT 116 or 117 or 120 are recommended. Two are preferred.

Students should consider additional Agriculture Electives; AGR 121-4 (IAI AG 902- Introduction to Animal Science, AGR 102-4 (IAI AG903-Introduction to Crop or Plant Science), AGR 104-3 (IAI AG 904-Introduction to Soil Science), AGR 103-3 (IAI 905-Introduction to Horticulture), AGR 122-3 (IAI AG 906-Introduction to Agricultural Mechanization)

SIUC: SIUC offers a Customized Study in Agribusiness Economics by working closely with a faculty advisor. Examples of different career tracks include Sales and Marketing, Energy and Environmental Policy, Farm Business Management, Agribusiness Management and Finance and Agricultural and Rural Real Estate Appraisal. (NOTE: SIUC will accept applicable/articulated credits beyond the Associate degree and up to 78 credits) Take AGR 101 (ABE 204) and AGR 112 (AGSE 318). Take two classes from the following: COM 121 (CMST 221), BUS 235 (MGMT 202), or ENG 113 with ENG 101 and 102(ENGL 291). ACC 200 and 201 (ACCT 220), ECO 202 (ECON 240) and ECO 201 (ECON 241). MAT 108 (MATH 108), or MAT 116 (MATH 139) or MAT 117 (MATH 140) is recommended.

ISU: ISU offers an Agribusiness sequence under Agriculture. Take AGR 101 (AGR 110) CHM 141 or 151 (CHE 140), ECO 201 and 202 (ECO 105), MAT 116 (MAT 120). Take four courses from AGR 122 (AGR 130), AGR 102 (AGR 150), AGR 104 (AGR157), AGR 121 (AGR 170) or AGR 112 (AGR 205).

Take one of the following courses to meet the AMALI graduation requirement *ANT 111,216, GEO 112, HIS 213, HUM 120, PHL 200 or 260). Take one of the following to meet the BS SMT graduation requirement (ANT 240, BIO 105, 226, 240, 27, BUS 121, CHM 142, 152, 201, CPS 202, MAT 117, 120,125,201,202,282,PHS 107, PHY 156 or 206).

UIUC: Offers a concentration in Agribusiness under Agricultural and Consumer Economics, take AGR 112 (ACE 161). In addition, take ECO 202 (ECON 102), ACC 200/201 (ACCY 201), MAT 131 (MATH 220) or MAT117 (MATH 234) and MAT 116 (MATH 124) or MAT 201 (MATH 231) and ACC 202 (ACCY 202). Also take CIS 207 or CIS 101 (ACE 161), SPE 115 (CMN101), BUS 121 (ECON 202), ENG 101 and 102 (RHET 105) and SPN 201, GER 201 or FRE 201 (a 3rd level course in a foreign language).

WIU: Offer an Agricultural Business option under Agriculture. Take AGR 101 (AGRI 220). For Agriculture Electives, take one from three groupings: 1-AGR 122 (AGTM 250), 2-AGR 102 (AGRN 176) or AGR 103 (HORT 180), 3-AGR 104 (AGRN 278) and 4-AGR 121 (ANSC 112) Take ACC 200,201 and 202 (ACCT 201/202), ECO 201 and 202 (ECON 231/232), MAT 117 (MATH 137) or MAT 282 or 120 (STAT 171). Select two course sequence –single language from FRE/GER/SPN 101/102/201/202, or two courses from PHL 131 (PHIL 100) or PHL 111 (PHIL 120) or PHL 121 (PHIL 140). Select one course from the following: BIO 101 (BOT 200), BIO 102 (ZOO 200), CHM 141 (CHEM 101), CHM 151 (CHEM 201), BIO 226 (MICR 200), PHS 220 (GEOL 110), PHY 155/156 (PHYS 114/115), PHY 205 (PHYS 211).

John A. Logan College reserves the right to modify this curriculum guide as needed. Please verify with your academic advisor the accuracy and time lines of this document.



John A. Logan College

Associate in Arts Degree in Agriculture- Agriculture Education

Transfer Curriculum 000AA0086
Associate in Arts: 62 Hrs. Min.
Major Code: 1.131301
Effective Date: Fall 2019

GENERAL EDUCATION (IAI GECC, 37-38 CREDITS)

The Illinois Articulation Initiative (IAI) General Education Core Curriculum (GECC) requires 12 to 13 courses from the following five areas. Courses selected to meet IAI GECC requirements may also meet course requirements for a specific major.

IAI COMMUNICATIONS (3 COURSES)

	Sem.	Grade
ENG 101 or ENG 113 (C grade or higher)	_____	_____
ENG 102 (C grade or higher)	_____	_____
COM 115 Speech	_____	_____

IAI HUMANITIES AND FINE ARTS (3 COURSES)

At least one course must be an IAI Fine Arts elective and one course must be an IAI Humanities elective.

	Sem.	Grade
ART 111, or MUS 105 or THE 113 or Fine Arts Elective (3)	_____	_____
HIS 213 or PHL 200 or PHL 260 or Humanities Elective (3)	_____	_____
Humanities or Fine Arts Elective (3)	_____	_____

IAI Fine Arts Electives:

Art: ART 111, 220, 221, 291
Literature: LIT 275
Music: MUS 105, 225
Theater: THE 113

IAI Humanities Electives:

Foreign Language: FRE 202, GER 202, SPN 202
History: HIS 101, 102, 213
Literature: LIT 210, 230, 235, 264, 280, 281, 284, 295
Philosophy: PHL 111, 121, 131, 200, 260

IAI MATHEMATICS (1 COURSE)

	Sem.	Grade
MAT 119 or MAT 120 or MAT 282 or MAT Elective (3)	_____	_____

IAI Mathematics Electives:

MAT 112, MAT 113, MAT 116, MAT 117, MAT 120, MAT 125/CPS 202, MAT 131, MAT 201, MAT 202, MAT 209, MAT 282

IAI SOCIAL AND BEHAVIORAL SCIENCES (3 COURSES)

At least two different disciplines (course prefixes) must be represented.

	Sem.	Grade
PSY 132 or Social Science Elective	_____	_____
ANT 111 or ANT 216 or GEO 112 or Social Science Elective	_____	_____
HIS 103 or HIS 104 or Social Science Elective	_____	_____

IAI Social and Behavioral Sciences Electives:

Anthropology: ANT 111, 202, 216, 240
Economics: ECO 201, 202
Geography: GEO 112
History: HIS 103, 104, 201, 202
Political Science: PSC 131, 211, 212, 213, 289
Psychology: PSY 132, 200, 203, 262
Sociology: SOC 133, 221, 263, 264

IAI PHYSICAL/LIFE SCIENCES (2 COURSES)

One course must be at least 4 credit hours and include a lab component.

	Sem.	Grade
BIO 100 (4) or BIO 101 (4) or BIO 102 (4)	_____	_____
CHEM 141 (4) or CHM 151 (5) or Physical Science Elective	_____	_____

IAI Life Science Electives:

Biology: BIO 100, 101, 105, 225
Interdisciplinary: PHS 101 with PHS 111, SCI 210A and SCI 210B
Life Science: SCI 215

IAI Physical Science Electives:

Chemistry: CHM 141, 151
Interdisciplinary: PHS 101 with PHS 111, SCI 210A and SCI 210B
Physical Science: PHS 102,103,105,107
Physics: PHY 121, 155, 205

MAJOR AND GENERAL ELECTIVE REQUIREMENTS (IAI GECC and major/elective credits must total a minimum of 62 hours, of which 24-25 must be general elective credits.)

IAI GECC and major/elective credits must total a minimum of 64 hours for the degree.) Select courses on this guide in accordance with the Articulation Notes. Students planning to transfer to other four year institutions should follow the recommendations outlined in that colleges course catalog. Course equivalencies may be found on that college website or on the Transferology website at www.itransfer.org

Major & General Electives

	Sem.	Grade
ORI 100 (1)	_____	_____
AGR 111 (3) Intro to Ag. Education	_____	_____
AGR 112 (3) Computers in Ag	_____	_____
EDC 202 (3) Hum. Growth, Dev. & Lrning	_____	_____
EDC 203 (3) Schooling in a Div. Society	_____	_____
MAT 108 or MAT 116 or MAT 117 or MAT 131 or Elective (3-5)	_____	_____
AGR or General Elective	_____	_____
AGR or General Elective	_____	_____
AGR or General Elective	_____	_____

ARTICULATION NOTES: Consult your academic advisor and/or transfer institution to assess if any courses required for your major require a grade of C or higher and if there is a minimum grade point average needed for admission consideration into your major.

TEACHER EDUCATION PROGRAM: To be considered for admission into a formal Teacher Education Program, qualifying scores on the TAP, ACT writing, or SAT must be submitted. Students must earn a grade of "C" or higher in all courses for an endorsement and required in the major. Students must also meet the minimum grade point average required for consideration into the TEP (typically a minimum of 2.5, but may be higher depending on the institution or program option selected). SIUC requires a **minimum 2.75** grade point average for consideration.

Helpful tips for applying to a Teacher Education Program may be found [here](#):

IAI Agriculture Major Panel

For a major in Agriculture Education, the panel recommends AGR 111 (AG 911-Introduction to Agricultural Education) and AGR 112 (IAI AG 913-Introductory Microcomputer Skills in Agriculture). MAT 117-4 or 131-5 or MAT 116-3 (College level Calculus or General Education Statistics or Finite Mathematics). In addition to MAT 120 or 282, a second MAT course is recommended-MAT 117 or 131 or MAT 116. CHM 141 or 151 (General Education Chemistry with Laboratory) and BIO 101(General Education Biology with Laboratory) are also recommended. Under the IAI Humanities and Social and Behavioral Sciences, a non-Western culture course is recommended. Under Humanities and Fine Arts, take HIS 213-3, PHL 200-3 or 260-3. Under the Social and Behavioral Sciences area, take ANT 111, 216, GEO 112, HIS 103 or 104
AGR electives include AGR 101-3 (IAI AG 901), AGR 121-4 (AIA AG 902), AGR-102-4 (IAIAG 903), AGR 104-3 (AIAI AG 904), AGR 103-3 (IAI AG 905 and AGR 122-3 (IAI AG 906).

SIUC: Take AGR 111 (AGSE 110), AGR 222 (AGSE 170), AGR 112 (AGSE 318), AGR 121 (ANS 121/122) AGR 102 (CSEM 200) or AGR 103 (HORT 200) and AGR 101 (ABE 204). For AGR Electives, take HTH 100 (HND 101) and AGR 104 (CSEM

240). Take HIS 213(EA102) or HIS 103 (HIST 101A) or HIS 104 (HIST 101B), MAT 108 (MATH 108), CHM 106 (PHS 104), BIO 100 (PLB 115), PSY 132 (PSYC 102), EDC 203 (EDUC 211) and EDC 202 (EDUC 214).

NOTE APPROVED SUBSTITUTIONS: For MATH 108 =MAT 117 (MATH 140) or MAT 131 (MATH 131). For CHEM 106, CHM 141 (CHEM 140A) or CHM 151 (CHEM 200). (NOTE: SIUC will accept applicable/articulated credits beyond the Associate degree and up to 78 credits).

ISU: Take AGR 101 (AGR 110), AGR 103 (AGR 120), AGR 122 (AGR 130), AGR 102 (AGR 150), AGR 104 (AGR 157), AGR 121 (AGR 170), AGR 111 (AGR 190), AGR 112 (AGR 205). Students are encouraged to consider a second licensure in an academic area such as Biological Sciences, Chemistry or Mathematics. Take BIO 102 (BSC 196) or BIO 101 (BSC 197). BIO 102 preferred. CHM 141 or 151 (CHE 140). MAT 116 (MAT 120) and PSY 132 are both recommended. Take one of the following to satisfy the AMALI graduation requirement (ANT 11,216, GEO 112, HIS 213, HUM 120 or PHL 200, 260. Take one of the following to satisfy the BS SMT graduation requirement (ANT 240, BIO 226, BUS 121, CHM 142,152,201, CPS 202 MAT 117,120, 125, 201, 202, 221, 282, PHS 107, PHY 156 or 206).

UIUC: Agricultural Science Education is a concentration under the Agricultural Leadership and Science Education major. Take AGR 101 (ACE 100), AGR 121 (ANSC 100), AGR 102 (CPSC 112), AGR 103 (HORT 100) and AGR 122 (TSM 100).

Take ECO 202 (ECON 102), CHM 151 (CHEM 102 and 103), COM 115 (CMN 101), EDC 203 (EPS 201), MAT 116 (MATH 124) or MATH 131 (MATH 220) or MAT 117 (MATH 234). Note that MAT 117 (MATH 234) is strongly recommended. Take PSY 132 (PSYC 100), MAT 120 or 282 (STAT 100). SPN 201 or GER 201 or FRE 201 is required to satisfy the language requirement (third level course) for a degree under the College of Agricultural, Consumer and Environmental Sciences(ACES).

WIU: Take AGR 111 (AGED 131).For Agriculture Electives, select one course from three groupings: 1-AGR 122 (AGTM 250). 2-AGR 102 (AGRN 176) or AGR 103 (HORT 180), 3-AGR 104 (AGRN 278), 4- AGR 121 (ANSC 112) Take BIO 102 (BOT 200), CHM 141 or 151 (CHEM 101), HIS 201 or 202 (HIST 105 or 106), MAT 120 or 282 (STAT 171), PSC 131 (POLS122). Take one of the following courses: BIO 102 (BOT 200), CHM 142 (CHEM 102), CHM 152 (CHEM 202), PHS 220 (GEOL 110), BIO 226 (MICR 200), PHY 121 or 155 (PHYS 114), PHY 156 (PHYS 115), PHY 205 (PHYS 211) or BIO 101 (ZOOL 200). Also take PSY 265 or EDC 208 (SPED 210). To fulfill a foreign language/global issues graduation requirement, take one of the following courses: ANT 111 or 216 (ANTH 110), GEO 112 (GEOG 110), PSC 212 (POLS 228) or PSC 289 (POLS 267).



John A. Logan College

Associate in Arts in Agriculture-Agricultural Mechanization

Transfer Curriculum 000AA0086

Minimum Hours: 64

Major Code: 1.1010201

Effective Date: Fall 2019

GENERAL EDUCATION (IAI GECC, 37-38 credits)

The Illinois Articulation Initiative (IAI) General Education Core Curriculum (GECC) requires 12 to 13 courses. Courses selected to meet IAI GECC requirements may also meet course requirements for a specific major.

IAI COMMUNICATION (3 COURSES)

	Sem.	Grade
ENG 101 or ENG 113 (C grade or higher)	_____	_____
ENG 102 (C grade or higher)	_____	_____
COM 115 Speech	_____	_____

IAI HUMANITIES AND FINE ARTS (3 COURSES)

At least one course must be an IAI Fine Arts elective and one course must be an IAI Humanities elective.

	Sem.	Grade
Fine Arts Elective	_____	_____
Humanities Elective	_____	_____
Humanities or Fine Arts Elective	_____	_____

IAI Fine Arts Electives:

Art: ART 111, 220, 221, 291

Literature: LIT 275

Music: MUS 105, 225

Theater: THE 113

IAI Humanities Electives:

Foreign Language: FRE 202, GER 202, SPN 202

History: HIS 101, 102, 213

Literature: LIT 211, 212, 231, 232, 235, 264, 280, 281, 284, 295

Philosophy: PHL 111, 121, 131, 200, 260

IAI MATHEMATICS (1 COURSE)

	Sem.	Grade
MAT 117 (4) or MAT 131 (5)	_____	_____

IAI SOCIAL AND BEHAVIORAL SCIENCES (3 COURSES)

At least two different disciplines (course prefixes) must be represented.

	Sem.	Grade
Social Science Elective	_____	_____
Social Science Elective	_____	_____
Social Science Elective	_____	_____

IAI Social and Behavioral Sciences Electives:

Anthropology: ANT 111, 202, 216, 240

Economics: ECO 201, 202

Geography: GEO 112

History: HIS 103, 104, 201, 202

Political Science: PSC 131, 211, 212, 213, 289

Psychology: PSY 132, 200, 203, 262

Sociology: SOC 133, 221, 263, 264

IAI PHYSICAL/LIFE SCIENCES (2 COURSES)

One course must be at least 4 credits and include a lab component.

	Sem.	Grade
BIO 100 (4) or BIO 101 (4) or BIO 102 (4) or Life Science Elective	_____	_____
CHM 141 (4) or CHM 151 (5)	_____	_____

NOTES AND INFORMATION

MAJOR AND GENERAL ELECTIVE REQUIREMENTS

(IAI GECC and major/elective credits must total a minimum of 64 hours for the degree.) Select courses on this guide in accordance with the Articulation Notes. Students planning to transfer to other four year institutions should follow the recommendations outlined in that colleges course catalog. Course equivalencies may be found on that college website or on the Transferology website at www.itransfer.org

	Sem.	Grade
ORI 100 (1)	_____	_____
AGR 101 (3)	_____	_____
AGR 112 (3)	_____	_____
AGR 121 (4) or AGR 102 (4)	_____	_____
MAT 120 (3) or MAT 282 (3)	_____	_____
ACC 200 (3)	_____	_____
ACC 201 (3)	_____	_____
PHY 155 (5)	_____	_____
Elective (3)	_____	_____

ARTICULATION NOTES: Consult your academic advisor and/or transfer institution to assess if any courses required for your major require a grade of C or higher and if there is a minimum grade point average needed for admission consideration into your major.

IAI Agriculture Major Panel:

(For Agricultural Mechanization the following courses are recommended): AGR 102 (IAI AG 903), AGR 122 (IAI AG 906) and AGR 112 (IAI AG 913). In addition, select Agriculture Electives depending on your transfer institution with assistance from your academic adviser. Select from AGR 101 (IAI AG 901), AGR 121 (IAI AG 902), AGR 104 (IAI AG 904), AGR 103 (IAI AG 905). Take MAT 117 or 131, MAT 120 or 282 or MAT 116. Take CHM 141 or 151. Take BIO 101 or 102.

SIUC offers specialization in Agricultural Systems Technology Management

(NOTE: SIUC will accept applicable/articulated credits beyond the Associate degree and up to 78 credits)
Take AGR 112 (AGSE 318), AGR 101 (ABE 204). Take AGR 121 (ANS 121 and 122) or AGR 102 (CSEM 200)
Take MAT 108 (MATH). MAT 117 (MATH 140) or MAT 131 (MATH 150) are acceptable substitutes for MAT 108. Take BIO 100 (PLB 115). CHM 141 (CHEM 140A) or CHM 151 (CHEM 200/201) will substitute for CHEM 106. Take PHY 155 (PHYS 203A and 253A). As Management Electives, take ACC 200/201 (ACCT 220) and BUS 121 (MGMT 208)

UIUC

Offers a Technical Systems Management degree. Under Agricultural and Biological Engineering (ABE), students can specialize in either Technical Systems Management or Agricultural and Biological Engineering.

For Technical Systems Management:

Take MAT 131 (MATH 220) or MAT 117 (MATH 234). Take ACC 200/201 (ACCY 201), AGR 101 (ACE 100), AGR 112 (ACE 161), CHM 151 (CHEM 102/103), SPE 115 (CMN 101), AGR 102 (CPSC 112), ECO 201 (ECON 103), AGR 104 (NRES 201), PHY 155 (PHYS 101), PHY 156 (PHYS 102) or CHM 152 (CHEM 104/105), ENG 101/102 (RHET 105), MAT 120 or 282 (STAT 100), AGR 122 (TSM 100) and complete the third level of a single foreign language (FRE 201, GER 201 or SPN 201)

John A. Logan College reserves the right to modify this curriculum guide as needed. Please verify with your academic advisor the accuracy and time lines of this document.



John A. Logan College

Associate in Arts in Agriculture-Animal Science

Transfer Curriculum 000AA0086
Minimum Hours: 62
Major Code: 1.1 010901
Effective Date: Fall 2019

GENERAL EDUCATION (IAI GECC, 37-38 credits)

The Illinois Articulation Initiative (IAI) General Education Core Curriculum (GECC) requires 12 to 13 courses. Courses selected to meet IAI GECC requirements may also meet course requirements for a specific major.

IAI COMMUNICATION (3 COURSES)

	Sem.	Grade
ENG 101 or ENG 113 (C grade or higher)	_____	_____
ENG 102 (C grade or higher)	_____	_____
SPE 115 Speech	_____	_____

IAI HUMANITIES AND FINE ARTS (3 COURSES)

At least one course must be an IAI Fine Arts elective and one course must be an IAI Humanities elective.

	Sem.	Grade
Fine Arts Elective	_____	_____
Humanities Elective	_____	_____
Humanities or Fine Arts Elective	_____	_____

IAI Fine Arts Electives:

Art: ART 111, 220, 221, 291

Literature: LIT 275

Music: MUS 105, 225

Theater: THE 113

IAI Humanities Electives:

Foreign Language: FRE 202, GER 202, SPN 202

History: HIS 101, 102, 213

Literature: LIT 211, 212, 231, 232, 235, 264, 280, 281, 284, 295

Philosophy: PHL 111, 121, 131, 200, 260

IAI MATHEMATICS (1 COURSE)

	Sem.	Grade
MAT 116(3) or MAT 117 (4) or MAT 120 (3) or MAT 131 (5) or MAT 282 (3)	_____	_____

IAI SOCIAL AND BEHAVIORAL SCIENCES (3 COURSES)

At least two different disciplines (course prefixes) must be represented.

	Sem.	Grade
Social Science Elective	_____	_____
Social Science Elective	_____	_____
Social Science Elective	_____	_____

IAI Social and Behavioral Sciences Electives:

Anthropology: ANT 111, 202, 216, 240

Economics: ECO 201, 202

Geography: GEO 112

History: HIS 103, 104, 201, 202

Political Science: PSC 131, 211, 212, 213, 289

Psychology: PSY 132, 200, 203, 262

Sociology: SOC 133, 221, 263, 264

IAI PHYSICAL/LIFE SCIENCES (2 COURSES)

One course must be at least 4 credits and include a lab component.

	Sem.	Grade
BIO 101 (4) or BIO 102 (4)	_____	_____
CHM 141 (4) or CHM 151 (5)	_____	_____

NOTES AND INFORMATION

MAJOR AND GENERAL ELECTIVE REQUIREMENTS

(IAI GECC and major/elective credits must total a minimum of 62 hours for the degree.)

Select remaining hours of elective credit based on Articulation Notes and transfer Institution of your choice.

	Sem.	Grade
ORI 100 (1)	_____	_____
AGR 112 (3)	_____	_____
AGR 121 (4)	_____	_____
CHM 142 (4) or CHM 152 (5)	_____	_____
CHM 201 (5) or Elective	_____	_____
Elective	_____	_____
Elective	_____	_____

ARTICULATION NOTES: Consult your academic advisor and/or transfer institution to assess if any courses required for your major require a grade of C or higher and if there is a minimum grade point average needed for admission consideration into your major.

IAI Agriculture Major Panel Recommendations:

Take AGR 121 (AG 902), CHM 152 (CHM 912) and/or BIO 102 (second course in BIO 910 sequence). Take AGR 112 (AG 913). In addition, take MAT 117 or MAT 131 or MAT 120 or MAT 282 or MAT 116. Take CHM 141 or 151 (General Education Chemistry with Lab) and BIO 102 (General Education Biology with Lab).

Select AGR electives provides additional courses that could complement your career goals: AGR 101 (AG 901), AGR 102 (AG 903), AGR 104 (AG 904), AGR 103 (AG 905) and AGR 122 (AG 906)

*For SIUC, the following courses are recommended:

(NOTE: SIUC will accept applicable credits beyond the Associate degree and up to 78 credits)

Offers an Animal Science degree with three specializations: production, equine science and pre-veterinary science. Take MAT 108 (MATH 108) or MAT 109 (MATH 109) or MAT 111 (MATH 111) or MAT 131 (MATH 150). Take CHM 141 or higher-CHM 151 (CHEM140A or CHEM 200/201), BIO 101 (BIOL 211). Select AGR Electives/General Electives with the guidance of your academic adviser.

FOR PRODUCTION option, take CHM 142 or higher=CHM 152 (CHEM 140B or CHEM 210/211). Select AG Electives and General Electives with the guidance of your academic adviser.

FOR EQUINE SCIENCE option: Take CHM 142 or higher=CHM 152 (CHEM 140B or CHEM 210/211). Select AG Electives or General Electives with the guidance of your academic adviser.

FOR PRE-VETERINARY MEDICINE option: Take CHM 151 (CHEM 200/201) in lieu of CHEM 140A. MAT 109 (MATH 109), CHM 152 (CHEM 210/211/212), CHM 201 (CHEM 340/341), PHY 155/156 (PHYS 203 A,B/ and PHYS 253A,B) and BIO 101 (BIOL 211). Refer to the JALC Curriculum Guide prepared for PRE-VETERINARY MEDICINE.

For ISU, the following courses are recommended:

(Note: ISU will accept applicable credits beyond the associate degree and up to 70 semester hours from a two year institution)

Offers a major in AGRICULTURE with an Animal Science Sequence.

Take AGR 121 (AGR 170). Select one course from the following; AGR 101 (AGR 110), AGR 103 (AGR 120), AGR 122 (AGR 130), AGR 102 (AGR 150) or AGR 104 (AGR 157).

Take BIO 102 (BSC 196) or BIO 101 (BSC 197), CHM 141/142 or 151/152 (CHE 140/141), CHM 201((CHEM 230/231), MAT 116 (MAT 120) or MAT 111 (MAT 144) or MAT 131 (MAT 145).

Take one of the following course to meet the AMALI graduation requirement (ANT 111, 216, GEO 112, HIS 213, HUM120, or PHL 200, 260) Take one of the following to meet the BS SMT graduation requirement (ANT 240, BIO 105, 226,

240, 275, BUS 121, CHM 142, 152, 201, CPS 202, MAT 117, 120, 125, 201,202, 282, PHS 107, PHY 156 or 206).

***For WIU, the following courses are recommended:**

Offers a Minor in Animal Science

-Take AGR 121 (ANSC 112).

UIUC

Offers an Animal Sciences major under the College of Agricultural, Consumer and Environmental Sciences (ACES).

Take AGR 121 (ANSC 100)

Take CHM 151 (CHEM 102/103), CHM 152 (CHEM 104/105). Take MAT 131(MATH 220) or MAT 117 (MATH 234). Either of these MAT courses also satisfies the required UIUC Quantitative Reasoning 1 requirement. Take ECO 202 (ECON 102), SPE 115 (CMN 101), BIO 226 (MCB 100/101) and MAT 120 or 282 (STAT 100). In addition, complete the third level course of a foreign language (FRE 201, GER 201 or SPN 201)

John A. Logan College reserves the right to modify this curriculum guide as needed. Please verify with your academic advisor the accuracy and time lines of this document.



John A. Logan College

Associate in Arts in Agriculture-Crop Science and Soil Science

Transfer Curriculum 000AA0086
Minimum Hours: 62
Major Code: L.1 011201
Effective Date: Fall 2019

GENERAL EDUCATION (IAI GECC, 37-38 credits)

The Illinois Articulation Initiative (IAI) General Education Core Curriculum (GECC) requires 12 to 13 courses. Courses selected to meet IAI GECC requirements may also meet course requirements for a specific major.

IAI COMMUNICATION (9 HOURS)

	Sem.	Grade
ENG 101 or ENG 113 (C grade or higher)	_____	_____
ENG 102 (C grade or higher)	_____	_____
COM 115 Speech	_____	_____

IAI HUMANITIES AND FINE ARTS (9 HOURS)

At least one course must be an IAI Fine Arts elective and one course must be an IAI Humanities elective.

	Sem.	Grade
Fine Arts Elective	_____	_____
Humanities Elective	_____	_____
Humanities or Fine Arts Elective	_____	_____

IAI Fine Arts Electives:

Art: ART 111, 220, 221, 291

Literature: LIT 275

Music: MUS 105, 225

Theater: THE 113

IAI Humanities Electives:

Foreign Language: FRE 202, GER 202, SPN 202

History: HIS 101, 102, 213

Literature: LIT 211, 212, 231, 232, 235, 264, 280, 281, 284, 295

Philosophy: PHL 111, 121, 131, 200, 260

IAI MATHEMATICS (1 COURSE)

	Sem.	Grade
MAT 117 (4) or MAT 131 (5) or MAT 119 or MAT 120 (3) or MAT 282 (3) or MAT 116 (3)	_____	_____

IAI SOCIAL AND BEHAVIORAL SCIENCES (9 HOURS)

At least two different disciplines (course prefixes) must be represented.

	Sem.	Grade
Social Science Elective (3)	_____	_____
Social Science Elective (3)	_____	_____
Social Science Elective (3)	_____	_____

IAI Social and Behavioral Sciences Electives:

Anthropology: ANT 111, 202, 216, 240

Economics: ECO 201, 202

Geography: GEO 112

History: HIS 103, 104, 201, 202

Political Science: PSC 131, 211, 212, 213, 289

Psychology: PSY 132, 200, 203, 262

Sociology: SOC 133, 221, 263, 264

IAI PHYSICAL/LIFE SCIENCES (7-8 HOURS)

One course must include a lab component.

	Sem.	Grade
BIO 102 (4) or Life science Elective	_____	_____
CHM 151 (5)	_____	_____

IAI Life Science Electives:

Biology: BIO 100, 101, 105, 225

Interdisciplinary: PHS 101 with PHS 111, SCI 210A and SCI 210B

Life Science: SCI 215

IAI Physical Science Electives:

Chemistry: CHM 141, 151

Interdisciplinary: PHS 101 with PHS 111, SCI 210A and SCI 210B

Physical Science: PHS 102, 103, 105, 107

Physics: PHY 121, 155, 205

NOTES AND INFORMATION

MAJOR AND GENERAL ELECTIVE REQUIREMENTS

(IAI GECC and major/elective credits must total a minimum of 62 hours for the degree.)

Select courses on this guide in accordance with the Articulation Notes.

Students planning to transfer to other four year institutions should follow the recommendations outlined in that colleges course catalog. Course equivalencies may be found on that college website or on the Transferology website at www.itransfer.org

	Sem.	Grade
ORI 100 (1)	_____	_____
AGR 102 (4)	_____	_____
AGR 104 (3)	_____	_____
AGR 112 (3)	_____	_____
CHM 152(5) or General Elective	_____	_____
AGR Elective	_____	_____
AGR Elective	_____	_____
AGR Elective	_____	_____
General Elective	_____	_____

ARTICULATION NOTES: Consult your academic advisor and/or transfer institution to assess if any courses required for your major require a grade of C or higher and if there is a minimum grade point average needed for admission consideration into your major.

IAI Agriculture Major Panel:

Take AGR 102 (IAI AG 903), AGR 104 (IAI AG 904), AGR 112 (IAI AG 913), CHM 152 (IAI CHM 912), BIO 102 (IAI BIO 910-second course in sequence). In addition, select one mathematics course from MAT 117 or 131, MAT 120 or 282, or MAT 116. Depending on the transfer institution and with academic advisor assistance, select additional AGR courses from AGR101 (IAI AG 901), AGR 121 (IAI AG 902), AGR 103 (IAI AG 905) and AGR 122 (IAI AG 906).

SIUC: Under Crop, Soil and Environmental Management, SIUC offers Crop Production and Management (General Option), Crop Production and Management (Science option), Soil Science (Science Option) and Soil Science (General Option) (NOTE: SIUC will accept applicable/articulated credits beyond the Associate degree and up to 78 credits)

*For Crop Production and Management (General Option)

Take MAT 108 (MATH 108). An approved substitute for MAT 108 is MAT 117 (MATH 140) or MAT 131 (MATH 150). Take CHM 141 (CHEM 140A). An approved substitute for CHEM 140A is CHM 151 (CHEM 200 and 201). Take AGR 104 (CSEM240). Take CHM 142 (CHEM 140B). CHM 152 (CHEM 210/211) is the approved substitute. Take AGR 102 (CSEM 200) and AGR 112 (AGSE 318). Select Agricultural Science Electives (10 credits) from AGR 101 (ABE 204), AGR 103 (HORT 220), HTH 100 (HND 101) AGR 122 (AGSE 170)

*

For Crop Production and Management (Science Option)

Take MAT 108 (MATH 108). MAT 117 (MATH 140) or MAT 131 (MATH 150) are approved substitutes. Take CHM 151 (CHEM 200/201), CHM 152 (CHEM 210/211) and CHM 201 (CHEM 340/341). Take AGR 104 (CSEM 240). Take AGR 102 (CSEM 200). Take MAT 109 (MATH 109) and MAT 117 (MATH 140), PHY 155/156 (PHYS 203A/203B).

*For Soil Science (Science Option)

Take CHM 151 (CHEM 200/201), CHM 152 (CHEM210/211), CHM 201 (CHEM 340/341), MAT 109 (MATH 109) and MAT 117 (MATH 140). MAT 131 (MATH 150) is an approved substitute for MAT 140. Take PHY 155/156 (PHYS 203A/203B). Take AGR 104 (CSEM 240) and AGR 102 (CSEM 200).

For Soil Science (General Option)

Take MAT 108 (MATH 108). MAT 109 (MATH 109), MAT 117 (MATH 140) or MAT 131 (MATH 150) are approved substitutes. Take AGR 104 (CSEM 240), AGR 102 (CSEM 200). Take AGR 112 (AGSE 318) AGR 101 (ABE 204), AGR 103 (HORT 220) and HTH 100 (HND 100) as Agricultural Science Elective. Take CHM 141 (CHEM 140A) and CHM 142 (CHEM 140B). CHM 151/152 (CHEM 200/201 and CHEM 210/211) are approved substitute for CHM 141/142.

ISU: Under the Agriculture major, ISU offers a Crop and Soil Science sequence. Take AGR 101 (AGR 110), AGR 103 (AGR 120), AGR 102 (AGR 150), AGR 104 (AGR 157), CHM 141/142 or CHM 151/152 (CHE 140/141), PHY 121 (PHY 105) and MAT 116 (MAT 120) or MAT 111 (MAT 144) or MAT 131 (MAT 145). Take one of the following courses to meet the AMALI graduation requirement (ANT 111, 216, GEO 112, HIS 213, HUM 120, PHL 200 or 260) Take one of the following to meet the BS SMT graduation requirement (ANT 240, BIO 105, 226, 240, 275, BUS 121, CHM 142, 152, 201, CPS 202, MAT 117, 120, 125, 201, 202, 282, PHS 107, PHY 156 or 206).

UIUC: Offers Crop Sciences major with concentration in Crops
Offers Crop Sciences with concentration in Crops.

Take CHM 151 (CHEM 102/103), CHM 152 (CHEM 104/105), MAT 131 ((MATH 220) or MAT 117 (MATH 234), CHM 201 and CHM 202 (CHEM 232/233), SPE 115 (CMN 101), AGR 102 (CPSC 112), BIO 226 (MCB 100/101), AGR 104 (NRES 201), ENG 101/102 (RHET 105) and FRE 201 or GER 201 or SPN 201 (third level of a language is required to graduate from the College of Agricultural, Consumer and Environmental Sciences-ACES).

WIU: Under the Agriculture major, WIU offer a minor in Agronomy.
Take AGR 102 (AGRN 176) and AGR 104 (AGRN 278)

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John A. Logan College

Associate in Arts in Agriculture-General Agriculture

Transfer Curriculum 000AA0086

Minimum Hours: 63

Major Code: 1.1 010000

Effective Date: Fall 2019

GENERAL EDUCATION (IAI GECC, 37-38 credits)

The Illinois Articulation Initiative (IAI) General Education Core Curriculum (GECC) requires 12 to 13 courses. Courses selected to meet IAI GECC requirements may also meet course requirements for a specific major.

IAI COMMUNICATION (3 COURSES)

	Sem.	Grade
ENG 101 or ENG 113 (C grade or higher)	_____	_____
ENG 102 (C grade or higher)	_____	_____
COM 115 Speech	_____	_____

IAI HUMANITIES AND FINE ARTS (3 COURSES)

At least one course must be an IAI Fine Arts elective and one course must be an IAI Humanities elective.

	Sem.	Grade
Fine Arts Elective	_____	_____
Humanities Elective	_____	_____
Humanities or Fine Arts Elective	_____	_____

IAI Fine Arts Electives:

Art: ART 111, 220, 221, 291

Literature: LIT 275

Music: MUS 105, 225

Theater: THE 113

IAI Humanities Electives:

Foreign Language: FRE 202, GER 202, SPN 202

History: HIS 101, 102, 213

Literature: LIT 211, 212, 231, 232, 235, 264, 280, 281, 284, 295

Philosophy: PHL 111, 121, 131, 200, 260

IAI MATHEMATICS (1 COURSE)

	Sem.	Grade
MAT 117 (4) or MAT 131 (5)	_____	_____

IAI SOCIAL AND BEHAVIORAL SCIENCES (3 COURSES)

At least two different disciplines (course prefixes) must be represented.

	Sem.	Grade
Social Science Elective	_____	_____
Social Science Elective	_____	_____
Social Science Elective	_____	_____

IAI Social and Behavioral Sciences Electives:

Anthropology: ANT 111, 202, 216, 240

Economics: ECO 201, 202

Geography: GEO 112

History: HIS 103, 104, 201, 202

Political Science: PSC 131, 211, 212, 213, 289

Psychology: PSY 132, 200, 203, 262

Sociology: SOC 133, 221, 263, 264

IAI PHYSICAL/LIFE SCIENCES (2 COURSES)

One course must be at least 4 credits and include a lab component.

	Sem.	Grade
BIO 100 (4)	_____	_____
CHM 141 (4) or CHM 151 (5)	_____	_____

NOTES AND INFORMATION

MAJOR AND GENERAL ELECTIVE REQUIREMENTS

(IAI GECC and major/elective credits must total a minimum of 64 hours for the degree.) Select courses on this guide in accordance with the Articulation Notes. Students planning to transfer to other four year institutions should follow the recommendations outlined in that colleges course catalog. Course equivalencies may be found on that college website or on the Transferology website at www.itransfer.org

	Sem.	Grade
ORI 100 (1)	_____	_____
AGR 122 (3)	_____	_____
AGR 112 (3)	_____	_____
AGR 121 (4)	_____	_____
AGR 102 (4)	_____	_____
AGR 101 (3)	_____	_____
AGR 104 (3)	_____	_____
AGR 103 (3)	_____	_____

ARTICULATION NOTES: Consult your academic advisor and/or transfer institution to assess if any courses required for your major require a grade of C or higher and if there is a minimum grade point average needed for admission consideration into your major.

SIUC Transfer Information

(NOTE: SIUC will accept applicable/articulated credits beyond the Associate degree and up to 78 credits)

Offers a General Agriculture specialization under the Agriculture Systems and Education major.

Take MAT 108-4 (MATH 108). Approved substitutes for MATH 108 include MAT 109-3 (MATH 109), MAT 117-4 (MATH 140) or MAT 131-5 (MATH 150). NOTE: only MAT 117 or MAT 131 are IAI approved Mathematics courses. A CHEM 106 equivalent is not offered. Approved substitutes include CHM 141-4 (CHEM 140A) or CHM 151-5 (CHEM 200/201). Take BIO 100-4 (PLB115)

Take AGR 122-3 (AGSE 170), AGR 112-3 (AGSE 318), AGR 121-4 (ANS 121/122), AGR 102-4 (CSEM 200), AGR 101-3 (ABE 204). Take AGR 104-3 (CSEM 240) as a CSEM Elective. As Agriculture Minor Electives take AGR 103-3 (HORT 220) and HTH 100-3 (HND 101)

John A. Logan College reserves the right to modify this curriculum guide as needed. Please verify with your academic advisor the accuracy and time lines of this document.



Associate in Arts in Agriculture-Horticulture

Transfer Curriculum 000AA0086
Minimum Hours: 62
Major Code: 1.1 010699
Effective Date: Fall 2019

GENERAL EDUCATION (IAI GECC, 37-38 credits)

The Illinois Articulation Initiative (IAI) General Education Core Curriculum (GECC) requires 12 to 13 courses. Courses selected to meet IAI GECC requirements may also meet course requirements for a specific major.

IAI COMMUNICATION (9 HOURS)

	Sem.	Grade
ENG 101 or ENG 113 (C grade or higher)	_____	_____
ENG 102 (C grade or higher)	_____	_____
COM 115 Speech	_____	_____

IAI HUMANITIES AND FINE ARTS (9 HOURS)

At least one course must be an IAI Fine Arts elective and one course must be an IAI Humanities elective.

	Sem.	Grade
Fine Arts Elective	_____	_____
Humanities Elective	_____	_____
Humanities or Fine Arts Elective	_____	_____

IAI Fine Arts Electives:

Art: ART 111, 220, 221, 291
Literature: LIT 275
Music: MUS 105, 225
Theater: THE 113

IAI Humanities Electives:

Foreign Language: FRE 202, GER 202, SPN 202
History: HIS 101, 102, 213
Literature: LIT 211, 212, 231, 232, 235, 264, 280, 281, 284, 295
Philosophy: PHL 111, 121, 131, 200, 260

IAI MATHEMATICS (1 COURSE)

	Sem.	Grade
MAT 117 (4) or MAT 131 (5) or MAT 119 or MAT 120 (3) or MAT 282 (3) or MAT 116 (3)	_____	_____

IAI SOCIAL AND BEHAVIORAL SCIENCES (9 HOURS)

At least two different disciplines (course prefixes) must be represented.

	Sem.	Grade
ECO 201 or Social Science Elective (3)	_____	_____
Social Science Elective (3)	_____	_____
Social Science Elective (3)	_____	_____

IAI Social and Behavioral Sciences Electives:

Anthropology: ANT 111, 202, 216, 240
Economics: ECO 201, 202
Geography: GEO 112
History: HIS 103, 104, 201, 202
Political Science: PSC 131, 211, 212, 213, 289
Psychology: PSY 132, 200, 203, 262
Sociology: SOC 133, 221, 263, 264

IAI PHYSICAL/LIFE SCIENCES (7-8 HOURS)

One course must include a lab component.

	Sem.	Grade
BIO 102 (4) or Life Science Elective	_____	_____
CHM 151 (5) or Physical Science Elective	_____	_____

IAI Life Science Electives:

Biology: BIO 100, 101, 105, 225
Interdisciplinary: PHS 101 with PHS 111, SCI 210A and SCI 210B
Life Science: SCI 215

IAI Physical Science Electives:

Chemistry: CHM 141, 151
Interdisciplinary: PHS 101 with PHS 111, SCI 210A and SCI 210B
Physical Science: PHS 102, 103, 105, 107
Physics: PHY 121, 155, 205

NOTES AND INFORMATION

MAJOR AND GENERAL ELECTIVE REQUIREMENTS

(IAI GECC and major/elective credits must total a minimum of 62 hours for the degree.) Select courses on this guide in accordance with the Articulation Notes. Students planning to transfer to other four year institutions should follow the recommendations outlined in that colleges course catalog. Course equivalencies may be found on that college website or on the Transferology website at www.itransfer.org

	Sem.	Grade
ORI 100 (1)	_____	_____
AGR 103 (3)	_____	_____
AGR 112 (3)	_____	_____
CHM 152(5) or General Elective	_____	_____
General Elective	_____	_____
AGR Elective	_____	_____
AGR Elective	_____	_____
AGR Elective	_____	_____

ARTICULATION NOTES: Consult your academic advisor and/or transfer institution to assess if any courses required for your major require a grade of C or higher and if there is a minimum grade point average needed for admission consideration into your major.

IAI Agriculture Major Panel:

Take AGR 103 (IAI AG 905) and AGR 112 (IAI AG 913). Take CHM 152 (IAI CHM 912) and BIO 102 (IAI BIO 910-second course in the sequence). Take MAT 131 or 117, MAT 120 or 282 or MAT 116. Two courses in MAT is recommended. Take CHM 141 or 151 or PHY 155. Take BIO 101 or 102, however, BIO 102 is preferred. ECO 201 is recommended.

Take additional AGR course based on career goals and the requirements/recommendations of your transfer institution. Select from AGR 101 (IAI AGR 901), AGR 121 (IAI AGR 902), AGR 102 (IAI AGR 903), AGR 104 (IAI AGR 904), AGR 122 (IAI AGR 906) or AGR 111 (IAI AGR 911)

SIUC: SIUC offers Horticulture as a major with three specializations: Production Horticulture, Landscape Horticulture and Turf Management. Take MAT 108 (MATH 108). An acceptable substitute for MAT 108 is MAT 117 (MATH 140) or MAT 131 (MATH 150). Take CHM 141 (CHEM 140A). An acceptable substitute for CHM 141 is CHM 151 (CHEM 200/201).

In addition:

--**For the Landscape Horticulture option**, take AC200/201 (ACCT 210) as meeting a Business Course requirement. Take AGR 110 (AGSE 318). Take CHM 142 (CHM 140B). CHM 152 (CHEM 210/211) is an acceptable substitute for CHM 142.

--**For Production Horticulture (General Option)**, take CHM 142 (CHEM 140B), ACC 200/201 (ACCT 210) as meeting a Business Course requirement. Take AGR 103 (HORT 220) and AGR 104 (CSEM 240).

--**For Production Horticulture (Science Option)**, take CHM 152 (CHEM 210/211) and CHM 201 (CHEM 340/341). Take MAT 109 (MATH 109). MAT 117 (MATH 140) or MAT 131 (MATH 150) are approved substitutes for MAT 109 (MATH 109). Take PHY 155 (PHYS 203A) and PHY 156 (PHYS 203B). Take AGR 103 (HORT 220) and AGR 104 (CSEM 240). Take AGR 112 (AGSE 318) as an Ag. Elective.

--**For Turf Grass Management**, Take CHM 142 (CHEM 140B), approved substitute is CHM 152 (CHEM 201/211). Take ACC 200/201 (ACCT 210). Take AGR 103 (HORT 220) and AGR 104 (CSEM 240). Take AGR 112 (AGSE 318) as an Ag. Elective.

(NOTE: SIUC will accept applicable/articulated credits beyond the Associate degree and up to 78 credits)

ISU: Under the Agriculture major, offers a Horticulture and Landscape Management Sequence

Take ACC 200 and 201 (ACC 131), ECO 201 and 202 (ECO 105), BUS 222 (FIL 185), MAT 116 (MAT 120), CHM 141 or CHM 151 (CHE 140). Take AGR 101 (AGR 110), AGR 103 (AGR 120), AGR 122 (AGR 130), AGR 104 (AGR 157) and AGR 102 (AGR 150).

Take one of the following to satisfy the AMALI graduation requirement; ANT 111, 216, GEO 112, HIS 213, HUM 120 or PHL 200, 260. Take one of the following to satisfy the Bachelor of Science SMT (Science, Mathematics or Technology) graduation requirement: ANT 240, BIO 226, BUS 121, CHM 142,152, 201, CPS 202, MAT 117, 120, 125, 201, 221, 282, PHS 107, PHY 156 or 206

UIUC: Offers Crop Sciences major with concentration in Horticultural Food Systems.

Take CHM 151 (CHEM 102/103), CHM 152 (CHEM 104/105), MAT 131 (MATH 220) or MAT 117 (MATH 234). Take ECO 202 (ECON 102), CHM 201 (CHEM 232/233), AGR 102 (CPSC 112), BIO 226 (MCB 100/101), AGR 104 (NRES 201), ENG 101/102 (RHET 105) and FRE 201, GER 201 or SPN 201 (Third Level of a Language).

WIU: Offers an Interdisciplinary Minor in Horticulture

Take AGR 103 (HORT 180). Electives from the Plant Science grouping, take AGR 104 (AGRN 278).

John A. Logan College reserves the right to modify this curriculum guide as needed. Please verify with your academic advisor the accuracy and time lines of this document.



John A. Logan College

Associate in Arts Degree in Art

Transfer Curriculum 000AA0086
Associate in Arts: 64 Hrs. Min.
Major Code: 1.1500701
Effective Date: Fall 2019

GENERAL EDUCATION (IAI GECC, 37-38 CREDITS)

The Illinois Articulation Initiative (IAI) General Education Core Curriculum (GECC) requires 12 to 13 courses from the following five areas. Courses selected to meet IAI GECC requirements may also meet course requirements for a specific major.

IAI COMMUNICATIONS (3 COURSES)

	Sem.	Grade
ENG 101 or ENG 113 (C grade or higher)	_____	_____
ENG 102 (C grade or higher)	_____	_____
COM 115 Speech	_____	_____

IAI HUMANITIES AND FINE ARTS (3 COURSES)

At least one course must be an IAI Fine Arts elective and one course must be an IAI Humanities elective.

	Sem.	Grade
ART 220	_____	_____
ART 221	_____	_____
Humanities Elective	_____	_____

IAI Humanities Electives:

Foreign Language: FRE 202, GER 202, SPN 202
History: HIS 101, 102, 213
Literature: LIT 210, 230, 235, 264, 280, 281, 284, 295
Philosophy: PHL 111, 121, 131, 200, 260

IAI MATHEMATICS (1 COURSE)

	Sem.	Grade
MAT Elective	_____	_____

IAI Mathematics Electives:

MAT 112 or MAT 113, MAT 116, MAT 117, MAT 119 or MAT 120, MAT 125/CPS 202, MAT 131, MAT 201, MAT 202, MAT 282

IAI SOCIAL AND BEHAVIORAL SCIENCES (3 COURSES)

At least two different disciplines (course prefixes) must be represented.

	Sem.	Grade
PSY 132 or Social Science Elective	_____	_____
SOC 133 or Social Science Elective	_____	_____
Social Science Elective	_____	_____

IAI Social and Behavioral Sciences Electives:

Anthropology: ANT 111, 202, 216, 240
Economics: ECO 201, 202
Geography: GEO 112
History: HIS 103, 104, 201, 202
Political Science: PSC 131, 211, 212, 213, 289
Psychology: PSY 132, 200, 203, 262
Sociology: SOC 133, 221, 263, 264

IAI PHYSICAL/LIFE SCIENCES (2 COURSES)

One course must be at least 4 credit hours and include a lab component.

	Sem.	Grade
Life Science Elective	_____	_____
Physical Science Elective	_____	_____

IAI Life Science Electives:

Biology: BIO 100, 101, 105, 225
Interdisciplinary: PHS 101 with PHS 111, SCI 210A and SCI 210B
Life Science: SCI 215

IAI Physical Science Electives:

Chemistry: CHM 141, 151
Interdisciplinary: PHS 101 with PHS 111, SCI 210A and SCI 210B
Physical Science: PHS 102, 103, 105, 107
Physics: PHY 121, 155, 205

MAJOR AND GENERAL ELECTIVE REQUIREMENTS (IAI GECC and major/elective credits must total a minimum of 63 hours, of which 24-25 must be general elective credits.)

Consult with the transfer institution to determine if certain courses require a grade of "C" or higher, or if there is a minimum grade point average for admission to your declared major. Please select courses on this guide in accordance with the Articulation Notes for your transfer institution.

	Sem.	Grade
ORI 100	_____	_____
ART 101	_____	_____
ART 102	_____	_____
ART 180	_____	_____
ART 256	_____	_____
ART 223 or Elective	_____	_____
Foreign Language I or Elective	_____	_____
Foreign Language II or Elective	_____	_____
Elective	_____	_____
Elective	_____	_____

IAI AND DEGREE INFORMATION: This guide follows the recommendations for the IAI Art Major panel.

SIUC TRANSFER INFORMATION: For the non-BFA major tracks, ART 220, 221, and 223 are required. In addition, completion of the two courses in International/Global Studies is required. For Art Studio and History options in Liberal Arts, ART 220 and 223 will satisfy this requirement. Two semesters of the same foreign language is also required (French or German are recommended). Credit applicable toward the studio course requirements include; ART 250, 255, and 260.

SIUE TRANSFER INFORMATION: For the Art History option, ART 220, 221, and two semesters of the same foreign language are required. For the Art Studio option, ART 101, 102, 180, 220, 221, 299i, 250, 260, and 296 are applicable to satisfy degree requirements. PHL 121 is recommended.

EIU TRANSFER INFORMATION: Studio Art is offered with a 2-D or 3-D option. The recommendations are the same for both options: ART 101, 102, 180, 220, 221, 256, 260, and 295. ART 250 and ART 255 or GRD 110 will satisfy the two and three dimensional emphasis requirements. Two semesters of the same foreign language are also required.

ISU TRANSFER INFORMATION: Art 220 and 221 will satisfy core requirements, and ART 255 and 260 will satisfy the drawing and painting options. Students should select one course from ANT 111, ANT 216, GEO 112, HIS 103, HIS 104, HUM 120, PHL 200, PHL 260, PSC 120, or PSC 212 to satisfy the Global Studies requirement.



John A. Logan College

Associate in Arts Degree in Art Education

Transfer Curriculum 000AA0086
Associate in Arts: 64 Hrs. Min.
Major Code: 1.1131302
Effective Date: Fall 2019

GENERAL EDUCATION (IAI GECC, 37-38 CREDITS)

The Illinois Articulation Initiative (IAI) General Education Core Curriculum (GECC) requires 12 to 13 courses from the following five areas. Courses selected to meet IAI GECC requirements may also meet course requirements for a specific major.

IAI COMMUNICATIONS (3 COURSES)

	Sem.	Grade
ENG 101 or ENG 113 (C grade or higher)	_____	_____
ENG 102 (C grade or higher)	_____	_____
COM 115 Speech	_____	_____

IAI HUMANITIES AND FINE ARTS (3 COURSES)

At least one course must be an IAI Fine Arts elective and one course must be an IAI Humanities elective.

	Sem.	Grade
ART 220	_____	_____
ART 221	_____	_____
Humanities Elective	_____	_____

IAI Humanities Electives:

Foreign Language: FRE 202, GER 202, SPN 202
History: HIS 101, 102, 213
Literature: LIT 210, 230, 235, 264, 280, 281, 284, 295
Philosophy: PHL 111, 121, 131, 200, 260

IAI MATHEMATICS (1 COURSE)

	Sem.	Grade
MAT Elective	_____	_____

IAI Mathematics Electives:

MAT 112, MAT 113, MAT 116, MAT 117, MAT 119, MAT 120, MAT 125/CPS 202, MAT 131, MAT 201, MAT 202, MAT 282

IAI SOCIAL AND BEHAVIORAL SCIENCES (3 COURSES)

At least two different disciplines (course prefixes) must be represented.

	Sem.	Grade
PSY 132	_____	_____
SOC 133	_____	_____
Social Science Elective	_____	_____

IAI Social and Behavioral Sciences Electives:

Anthropology: ANT 111, 202, 216, 240
Economics: ECO 201, 202
Geography: GEO 112
History: HIS 103, 104, 201, 202
Political Science: PSC 131, 211, 212, 213, 289
Psychology: PSY 132, 200, 203, 262
Sociology: SOC 133, 221, 263, 264

IAI PHYSICAL/LIFE SCIENCES (2 COURSES)

One course must be at least 4 credit hours and include a lab component.

	Sem.	Grade
Physical Science Elective	_____	_____
Life Science Elective	_____	_____

IAI Life Science Electives:

Biology: BIO 100, 101, 105, 110, 225
Interdisciplinary: PHS 101 with PHS 111, SCI 210A and SCI 210B
Life Science: SCI 215

IAI Physical Science Electives:

Chemistry: CHM 141, 151
Interdisciplinary: PHS 101 with PHS 111, SCI 210A and SCI 210B
Physical Science: PHS 102, 103, 105, 107
Physics: PHY 121, 155, 205

MAJOR AND GENERAL ELECTIVE REQUIREMENTS (IAI GECC and major/elective credits must total a minimum of 63 hours, of which 24-25 must be general elective credits.)

Consult with the transfer institution to determine if certain courses require a grade of "C" or higher, or if there is a minimum grade point average for admission to your declared major. Please select courses on this guide in accordance with the Articulation Notes for your transfer institution.

	Sem.	Grade
ORI 100	_____	_____
ART 101	_____	_____
ART 102	_____	_____
ART 180	_____	_____
ART 256	_____	_____
EDC 202 or Elective	_____	_____
EDC 203 or Elective	_____	_____
Elective	_____	_____
Elective	_____	_____
Elective	_____	_____

IAI MAJOR AND PROGRAM INFORMATION: This guide includes coursework to meet IAI Major Panel recommendations. Consult with your Academic Advisor and transfer institution regarding requirements for a portfolio review prior to transfer. Studio courses should be selected from at least two media in consultation with an Art Advisor. Studio Course options include: ART 165, 255, 205, 260, 250, 290, and/or 299i.

TEACHER EDUCATION PROGRAM: To be considered for admission into a formal Teacher Education Program, qualifying scores on the TAP, ACT plus writing, or SAT must be submitted. Students must earn a grade of "C" or higher in all courses for an endorsement and required in the major. Students must also meet the minimum grade point average required for consideration into the TEP (typically a minimum of 2.5, but may be higher depending on the institution or program option selected).

Helpful tips for applying to a Teacher Education Program may be found [here](#):

SIUC TRANSFER INFORMATION: ART 250 and 260 are recommended studio courses. Students should either take ART 220 and 223 or select two courses from ANT 111, ANT 216, ART 220, ART 221, ART 223, ECO 150i, GEO 112, GEO 215, HIS 101, HIS 102, HIS 103, HIS 104, HIS 112, HIS 213, PHL 200, PSC 212, PSC 289, and/or SOC 263 to satisfy the International Coursework requirement.

SIUE TRANSFER INFORMATION: ART 202, 299i, 250, 260 and 296, as well as EDC 200 and 208 are required. PHL 121 is recommended.

EIU TRANSFER INFORMATION: PSC 131 is required. EDC 203, ART 255, ART 260, ART 295, and GRD 110 are also required.

ISU TRANSFER INFORMATION: ART 255 and ART 260 are required. Students should select one course from ANT 111, ANT 216, GEO 112, HIS 103, HIS 104, HUM 120, PHL 200, PHL 260, PSC 120, or PSC 212 to satisfy the Global Studies requirement.



John A. Logan College

Associate in Arts Degree in Associate in Arts

Transfer Curriculum 000AA0086
Associate in Arts: 63 Hrs. Min.
Major Code: 1.1240101
Effective Date: Fall 2019

GENERAL EDUCATION (IAI GECC, 37-38 CREDITS)

The Illinois Articulation Initiative (IAI) General Education Core Curriculum (GECC) requires 12 to 13 courses from the following five areas. Courses selected to meet IAI GECC requirements may also meet course requirements for a specific major.

IAI COMMUNICATIONS (3 COURSES)

	Sem.	Grade
ENG 101 or ENG 113 (C grade or higher)	_____	_____
ENG 102 (C grade or higher)	_____	_____
COM 115 Speech	_____	_____

IAI HUMANITIES AND FINE ARTS (3 COURSES)

At least one course must be an IAI Fine Arts elective and one course must be an IAI Humanities elective.

	Sem.	Grade
Fine Arts Elective	_____	_____
Humanities Elective	_____	_____
Humanities or Fine Arts Elective	_____	_____

IAI Fine Arts Electives:

Art: ART 111, 220, 221, 291
Literature: LIT 275
Music: MUS 105, 225
Theater: THE 113

IAI Humanities Electives:

Foreign Language: FRE 202, GER 202, SPN 202
History: HIS 101, 102, 213
Literature: LIT 210, 230, 235, 264, 280, 281, 284, 295
Philosophy: PHL 111, 121, 131, 200, 260

IAI MATHEMATICS (1 COURSE)

	Sem.	Grade
MAT Elective	_____	_____

IAI Mathematics Electives:

MAT 112, MAT 113, MAT 116, MAT 117, MAT 119, MAT 120, **MAT 125/CPS 202****, MAT 131, **MAT 201††**, **MAT 202†**, **MAT 209††**, **MAT 282†††**

IAI SOCIAL AND BEHAVIORAL SCIENCES (3 COURSES)

At least two different disciplines (course prefixes) must be represented.

	Sem.	Grade
Social Science Elective	_____	_____
Social Science Elective	_____	_____
Social Science Elective	_____	_____

IAI Social and Behavioral Sciences Electives:

Anthropology: ANT 111, 202, 216, 240
Economics: ECO 201, 202
Geography: GEO 112
History: HIS 103, 104, 201, 202
Political Science: PSC 131, 211, 212, 213, 289
Psychology: PSY 132, 200, 203, 262
Sociology: SOC 133, 221, 263, 264

IAI PHYSICAL/LIFE SCIENCES (2 COURSES)

One course must be at least 4 credit hours and include a lab component.

	Sem.	Grade
Life Science Elective	_____	_____
Physical Science Elective	_____	_____

IAI Life Science Electives:

Biology: BIO 100, 101, 105, 225
Interdisciplinary: PHS 101 with PHS 111, SCI 210A and SCI 210B
Life Science: SCI 215

IAI Physical Science Electives:

Chemistry: CHM 141, 151
Interdisciplinary: PHS 101 with PHS 111, SCI 210A and SCI 210B
Physical Science: PHS 102, 103, 105, 107
Physics: PHY 121, 155, 205

MAJOR AND GENERAL ELECTIVE REQUIREMENTS (IAI GECC and major/elective credits must total a minimum of 62 hours, of which 24-25 must be general elective credits.)

Consult with the transfer institution to determine if certain courses require a grade of "C" or higher, or if there is a minimum grade point average for admission to your declared major. Please select courses on this guide in accordance with the Articulation Notes for your transfer institution.

	Sem.	Grade
ORI 100 (1)	_____	_____
Elective	_____	_____
Elective	_____	_____
Elective	_____	_____
Elective	_____	_____
Elective	_____	_____
Elective	_____	_____
Elective	_____	_____
Elective	_____	_____
Elective	_____	_____

GENERAL ELECTIVES: Electives may include all courses with the following prefixes, as well as specific courses listed below:

AFS, AGR, AMS, ANT, ART, BIO, CHM, COM, CPS, EDC, EGR, FRE, GEO, GER, HIS, HTH, HUM, INT, LIT, MAT, MUS, PED*, PEDE, PHL, PHS, PHY, PSC, PSY, REC, SCI, SOC, SOCW, SPM, SPN, THE, and VOL

ACC.....	200, 201, 202
ALH	106, 107
BUS	110, 121, 222, 235
CIS	207
CRJ.....	103, 105, 218, 223
ECE	160, 245, 260
ECO	201, 202
ENG	101, 102, 103, 113
IND	199
IPP	141, 142
ITD	152, 200, 205
LIN	101, 102
MAT	108, 109, 111, 113, 116, 117, 120, 125**, 131, 201††, 202†, 205††, 208, 209††, 221***, 282†††
ORI	100

*No more than four (4) credit hours of PED courses may be used as general electives.

**Fall only, odd numbered years

***Spring only, even numbered years

†Fall Only

††Spring only

†††Summer only



John A. Logan College

Associate in Arts Degree in Business

Transfer Curriculum 000AA0086
Associate in Arts: 63 Hrs. Min.
Major Code: 1.1 520201
Effective Date: Fall 2019

GENERAL EDUCATION (IAI GECC, 37-38 CREDITS)

The Illinois Articulation Initiative (IAI) General Education Core Curriculum (GECC) requires 12 to 13 courses from the following five areas. Courses selected to meet IAI GECC requirements may also meet course requirements for a specific major.

IAI COMMUNICATIONS (3 COURSES)

	Sem.	Grade
ENG 101 (C grade or higher)	_____	_____
ENG 102 (C grade or higher)	_____	_____
COM 115 Speech	_____	_____

IAI HUMANITIES AND FINE ARTS (3 COURSES)

At least one course must be an IAI Fine Arts elective and one course must be an IAI Humanities elective.

	Sem.	Grade
Fine Arts Elective	_____	_____
PHL 111 or Humanities Elective	_____	_____
PHL 121 or Humanities or Fine Arts Elective	_____	_____

IAI Fine Arts Electives:

Art: ART 111, 220, 221, 291
Literature: LIT 275
Music: MUS 105, 225
Theater: THE 113

IAI Humanities Electives:

Foreign Language: FRE 202, GER 202, SPN 202
History: HIS 101, 102, 213
Literature: LIT 210, 230, 235, 264, 280, 281, 284, 295
Philosophy: PHL 111, 121, 131, 200, 260

IAI MATHEMATICS (1 COURSE)

	Sem.	Grade
MAT 117 (4)	_____	_____

IAI SOCIAL AND BEHAVIORAL SCIENCES (3 COURSES)

At least two different disciplines (course prefixes) must be represented.

	Sem.	Grade
ECO 201 (3)	_____	_____
ECO 202 (3)	_____	_____
PSY 132 or SOC 133 or Social Science Elective (3)	_____	_____

IAI Social and Behavioral Sciences Electives:

Anthropology: ANT 111, 202, 216, 240
Economics: ECO 201, 202
Geography: GEO 112
History: HIS 103, 104, 201, 202
Political Science: PSC 131, 211, 212, 213, 289
Psychology: PSY 132, 200, 203, 262
Sociology: SOC 133, 221, 263, 264

IAI PHYSICAL/LIFE SCIENCES (2 COURSES)

One course must be at least 4 credit hours and include a lab component.

	Sem.	Grade
Life Science Elective	_____	_____
Physical Science Elective	_____	_____

IAI Life Science Electives:

Biology: BIO 100, 101, 105, 225
Interdisciplinary: PHS 101 with PHS 111, SCI 210A and SCI 210B
Life Science: SCI 215

IAI Physical Science Electives:

Chemistry: CHM 141, 151
Interdisciplinary: PHS 101 with PHS 111, SCI 210A and SCI 210B
Physical Science: PHS 102, 103, 105, 107
Physics: PHY 121, 155, 205

MAJOR AND GENERAL ELECTIVE REQUIREMENTS (IAI GECC and major/elective credits must total a minimum of 62 hours, of which 24-25 must be general elective credits.)

Consult with the transfer institution to determine if certain courses require a grade of "C" or higher, or if there is a minimum grade point average for admission to your declared major. Please select courses on this guide in accordance with the Articulation Notes for your transfer institution.

	Sem.	Grade
ORI 100 (1)	_____	_____
ACC 200 (3)	_____	_____
ACC 201 (3)	_____	_____
ACC 202 (3)	_____	_____
BUS 121 (3)	_____	_____
BUS 222 (3)	_____	_____
MAT 116 or Elective (3)	_____	_____
CIS 207 or Elective (3)	_____	_____
BUS 235 or Elective (3)	_____	_____

ARTICULATION NOTES: Consult the transfer institution for specific requirements.

This guide follows the recommendations established by the IAI Business Major Panel which includes BUS 121 (IAI BUS 901), CIS 207 (BUS 902), ACC 200/201 (BUS 903) and ACC 202 (BUS 904). PHL 111 (IAI H4 904) is strongly recommended as is ECO 201, 202 and BUS 222.

DEGREE INFORMATION: This guide includes course typically required during the first two years for majors in Accounting, Business Administration, Business Economics, Finance, Management and Marketing. Completion of the IAI GECC component satisfies the lower division general education requirements required as a general graduation requirement at participating IAI institutions in Illinois. Complete the AA Degree in Business prior to transfer.

SIUC TRANSFER INFORMATION: Student should take ACC 200, 201 and 202, as well as MAT 116 and 117. Take BUS 121 (substitute for MGMT 208, FIN 208 or ACCT 208). Students should also take BUS 222, ECO 201 and ECO 202. **All majors in the College of Business must complete ENGL 291 (ENG 113) or MGMT 202 (BUS 235) as a Professional Business Core requirement. With ENG 101 and 102, ENG 113 will substitute for ENGL 291. In addition, BUS 235 is an approved substitute for MGMT 202.** SIUC policy allows for the transfer and applicability of up to 78 articulated credits toward BA/BS degree requirements.

SIUE TRANSFER INFORMATION: Take MAT 131 (MATH 150) with a C or better grade MAT 131 (MATH 150 will substitute for MAT 108 (MATH 120) and MAT 117 (MS 250). Take ACC 200, 201 and 202. Take ECO 201 and 202. Take CIS 207 or CPS 176. Take BUS 121. Take PHL 121.

EIU TRANSFER INFORMATION: Take MAT 116 (MAT 2120G). Take MAT 117 (MAT 2120G) or PHL 121 (PHL 1900G). Take ECO 201 (ECN 2801G), ECO 202 (ECN 2802G), BUS 222 (BUS 2750) and CIS 207 (BUS 1950).

ISU TRANSFER INFORMATION: Take MAT 117 or MAT 131. Take ECO 201 and 202. Take BUS 110, 121 and 222. Take ACC 200, 201 and 202. As a general graduation requirement, ISU requires an AMALI course (former Global Studies). GEO 112 (GEO 135) or PSC 112 (POL 151) should satisfy this requirement. All B.S. degrees require a SMT course (select one from BIO 226, 240, 275, CHM 142, 152, 201, PHS 107, MAT 117, 201, 202, 125, 221, BUS 121, PHY 156 or 206.



John A. Logan College

Associate in Arts Degree in Business Education

Transfer Curriculum 000AA0086
Associate in Arts: 64 Hrs. Min.
Major Code: 1.1 131303
Effective Date: Fall 2019

GENERAL EDUCATION (IAI GECC, 37-38 CREDITS)

The Illinois Articulation Initiative (IAI) General Education Core Curriculum (GECC) requires 12 to 13 courses from the following five areas. Courses selected to meet IAI GECC requirements may also meet course requirements for a specific major.

IAI COMMUNICATIONS (3 COURSES)

	Sem.	Grade
ENG 101 or ENG 113 (C grade or higher)	_____	_____
ENG 102 (C grade or higher)	_____	_____
COM 115 Speech	_____	_____

IAI HUMANITIES AND FINE ARTS (3 COURSES)

At least one course must be an IAI Fine Arts elective and one course must be an IAI Humanities elective.

	Sem.	Grade
Fine Arts Elective	_____	_____
PHL 111 or Humanities Elective	_____	_____
Humanities or Fine Arts Elective	_____	_____

IAI Fine Arts Electives:

Art: ART 111, 220, 221, 291
Literature: LIT 275
Music: MUS 105, 225
Theater: THE 113

IAI Humanities Electives:

Foreign Language: FRE 202, GER 202, SPN 202
History: HIS 101, 102, 213
Literature: LIT 210, 230, 235, 264, 280, 281, 284, 295
Philosophy: PHL 111, 121, 131, 200, 260

IAI MATHEMATICS (1 COURSE)

	Sem.	Grade
MAT 116 or MAT 119 or MAT 120 (3)	_____	_____

IAI SOCIAL AND BEHAVIORAL SCIENCES (3 COURSES)

At least two different disciplines (course prefixes) must be represented.

	Sem.	Grade
ECO 201	_____	_____
ECO 202	_____	_____
PSY 132	_____	_____

IAI PHYSICAL/LIFE SCIENCES (2 COURSES)

One course must be at least 4 credit hours and include a lab component.

	Sem.	Grade
Life Science Elective	_____	_____
Physical Science Elective	_____	_____

IAI Life Science Electives:

Biology: BIO 100, 101, 105, 225
Interdisciplinary: PHS 101 with PHS 111, SCI 210A and SCI 210B
Life Science: SCI 215

IAI Physical Science Electives:

Chemistry: CHM 141, 151
Interdisciplinary: PHS 101 with PHS 111, SCI 210A and SCI 210B
Physical Science: PHS 102, 103, 105, 107
Physics: PHY 121, 155, 205

MAJOR AND GENERAL ELECTIVE REQUIREMENTS (IAI GECC and major/elective credits must total a minimum of 62 hours, of which 24-25 must be general elective credits.)

Consult with the transfer institution to determine if certain courses require a grade of "C" or higher, or if there is a minimum grade point average for admission to your declared major. Please select courses on this guide in accordance with the Articulation Notes for your transfer institution.

	Sem.	Grade
ORI 100	_____	_____
ACC 200	_____	_____
ACC 201	_____	_____
ACC 202	_____	_____
BUS 222	_____	_____
BUS 121, 110 or Elective	_____	_____
EDC 202 or Elective	_____	_____
EDC 203 or Elective	_____	_____
CIS 207 or Elective	_____	_____
Elective	_____	_____

TEACHER EDUCATION PROGRAM: To be considered for admission into a formal Teacher Education Program, qualifying scores on the TAP, ACT plus writing, or SAT must be submitted. Students must earn a grade of "C" or higher in all courses for an endorsement and required in the major. Students must also meet the minimum grade point average required for consideration into the TEP (typically a minimum of 2.5, but may be higher depending on the institution or program option selected).

SIUC TRANSFER INFORMATION: ACC 200, 201, 202, BUS 121, 222, EDC 202, 203, ECO 201, 202, PSY 132, MAT 113 or 108 and 116 are required. This program is titled Business, Marketing, and Computer Education and is housed in Workforce Education and Development.

EIU TRANSFER INFORMATION: MAT 120, BUS 110, 222, CIS 207, ECO 201, 202, ACC 200, 201, 202, and EDC 203 are required.

ISU TRANSFER INFORMATION: ECO 201, 202, MAT 116 or 111, BUS 110, 121, 222, ACC 200, 201, 202 and EDC 202 are required. Students should select one course from ANT 111, ANT 216, GEO 112, HIS 103, HIS 104, HUM 120, PHL 200, PHL 260, PSC 120, or PSC 212 to satisfy the Global Studies requirement for all majors.

Helpful tips for applying to a Teacher Education Program may be found [here](#).



John A. Logan College

Associate in Arts Degree in Criminal Justice

Transfer Curriculum 000AA0086
Associate in Arts: 64 Hrs. Min.
Major Code: 1.1 430107
Effective Date: Fall 2019

GENERAL EDUCATION (IAI GECC, 37-38 CREDITS)

The Illinois Articulation Initiative (IAI) General Education Core Curriculum (GECC) requires 12 to 13 courses from the following five areas. Courses selected to meet IAI GECC requirements may also meet course requirements for a specific major.

IAI COMMUNICATIONS (3 COURSES)

	Sem.	Grade
ENG 101 or ENG 113 (C grade or higher)	_____	_____
ENG 102 (C grade or higher)	_____	_____
COM 115 Speech	_____	_____

IAI HUMANITIES AND FINE ARTS (3 COURSES)

At least one course must be an IAI Fine Arts elective and one course must be an IAI Humanities elective.

	Sem.	Grade
Fine Arts Elective	_____	_____
PHL 111 or Humanities Elective	_____	_____
PHL 121 or Humanities or Fine Arts Elective	_____	_____

IAI Fine Arts Electives:

Art: ART 111, 220, 221, 291
Literature: LIT 275
Music: MUS 105, 225
Theater: THE 113

IAI Humanities Electives:

Foreign Language: FRE 202, GER 202, SPN 202
History: HIS 101, 102, 213
Literature: LIT 210, 230, 235, 264, 280, 281, 284, 295
Philosophy: PHL 111, 121, 131, 200, 260

IAI MATHEMATICS (1 COURSE)

	Sem.	Grade
MAT 112 or MAT 113 (3) or MAT 131 (5) or MAT Elective	_____	_____

IAI Mathematics Electives: MAT 116, MAT 117, MAT 119, MAT 120, MAT 125/CPS 202,, MAT 201, MAT 202, MAT 209, MAT 282

IAI SOCIAL AND BEHAVIORAL SCIENCES (3 COURSES)

At least two different disciplines (course prefixes) must be represented.

	Sem.	Grade
SOC 133 or Social Science Elective	_____	_____
PSY 132 or Social Science Elective	_____	_____
PSC 131 or PSY 200 or Social Science Elective	_____	_____

IAI Social and Behavioral Sciences Electives:

Anthropology: ANT 111, 202, 216, 240
Economics: ECO 201, 202
Geography: GEO 112
History: HIS 103, 104, 201, 202
Political Science: PSC 131, 211, 212, 213, 289
Psychology: PSY 132, 200, 203, 262
Sociology: SOC 133, 221, 263, 264

IAI PHYSICAL/LIFE SCIENCES (2 COURSES)

One course must be at least 4 credit hours and include a lab component.

	Sem.	Grade
BIO 100 (4) or Life Science Elective	_____	_____
PHS 107 (3) or Physical Science Elective	_____	_____

IAI Life Science Electives:

Biology: BIO 100, 101, 105, 225
Interdisciplinary: PHS 101 with PHS 111, SCI 210A and SCI 210B
Life Science: SCI 215

IAI Physical Science Electives:

Chemistry: CHM 141, 151
Interdisciplinary: PHS 101 with PHS 111, SCI 210A and SCI 210B
Physical Science: PHS 102,103,105,107
Physics: PHY 121, 155, 205

MAJOR AND GENERAL ELECTIVE REQUIREMENTS (IAI GECC and major/elective credits must total a minimum of 62 hours, of which 24-25 must be general elective credits.)

Consult with the transfer institution to determine if certain courses require a grade of "C" or higher, or if there is a minimum grade point average for admission to your declared major. Please select courses on this guide in accordance with the Articulation Notes for your transfer institution.

SELECT COURSES FROM THIS LISTING USING THE ARTICULATION NOTES AS A GUIDE

	Sem.	Grade
ORI 100 (1)	_____	_____
CRJ 103 (3)	_____	_____
CRJ 105 (3)	_____	_____
CRJ 218 (3)	_____	_____
CRJ 223 (3)	_____	_____
Foreign Language (4)	_____	_____
Foreign Language (4)	_____	_____
CRJ 209 (3) or Elective	_____	_____
CRJ 219 (3) or Elective	_____	_____
HIS 103 (3) or HIS 104 (3) or Elective	_____	_____

ARTICULATION NOTES: Consult the transfer institution for specific requirements.

IAI The IAI Criminal Justice major panel recommends CRJ 103 (CRJ 901) as a core course and CRJ 218 (CRJ 911), CRJ 105 (CRJ 912) and CRJ 223 (CRJ 914). SOC 133 and PSY 132 are recommended IAI Social and Behavioral Science courses.

SIUC Take CRJ 103 (CCJ 201), CRJ105 (CCJ 290) and CRJ 209 (CCJ 310). To satisfy College of Liberal Arts foreign language requirement, take SPN 101 and 102 "or" IPP 141 and 142. To satisfy the two course International Coursework requirement, take HIS 103 and 104 (HIST 101A and 101B). If you are seeking additional recommendations for fulfilling the IAI Social Science requirements, take ECO 201 (ECON 240), GEO 112(GEOG 102) or HIS 202 (HIST 301). The CCJ program requires completion of a minor. Any SIUC minor other than CCJ can satisfy this requirement. A minor entails 15 credits or more of required courses. Areas recommended with a few suggested courses include Forensic Science (ANT 240 or ANTH 240A, PHL 111 or PHIL 104, PSY 285 or PSYC 305), Psychology (select PSY 132 as an IAI Social and Behavioral Science course and one from PSY 200 or PSYC 307, PSY 203 or PSYC 303, PSY 262 or PSYC 301 and PSY 270 or PSYC 331), Anthropology (ANT 240 or ANTH 240A, ANT 216 or ANTH 240D), Business and Administration or Accounting (ACC 200 and 201 or ACCT 220, ACC 202 or ACCT 230), Sociology (SOC 133 or SOC 108). SIUC policy on Senior Institution Hours/Credits required as a General Graduation Requirement states at least 42 credits of 300-400 level credits must be earned at SIUC. This allows for the acceptance of credits from JALC beyond the Associate degree requirements and up to 78 credits. These additional credits should, though, be articulated credits matching CCJ degree requirements.

SIUE Take CRJ 103 (CJ 111), CRJ 115 (CJ 208), CRJ 209 (CJ 206), CRJ 218 (CJ 202). A grade of C or better in these courses is required before enrolling in a 300-400 level course. Since one can transfer in up to 15 credits of CJ equivalent credit from JALC, select an elective course from CRJ 105 (CJ 275), CRJ 219 (CJ 207) or CRJ 223 (CJ 205). Additional CJ credits (beyond 15) may be used if approved by your SIUE departmental advisor.

For BA degree students, one year or two course sequence in a foreign language is required. Additional recommendations include SOC 133 (SOC 111), ANT 216 (ANTH 111B), MAT 113 (QR 101) or MAT 131 (MATH 150), PSC 131 (POLS 112) and PHL 121 (RA 101). For graduation purposes, all required courses must be passed with a grade of "C" or higher.

ISU Take CRJ 103 (CJS 103), CRJ 218 (CJS 200), CRJ 105 (CJS 201), CRJ 115 or 221 (CJS 207), CRJ 209 (CJS 208). ENG 102 (ENG 145), PSY 132 (PSY 110) and SOC 133 (SOC 106)

For electives, FRE, GER or SPN 101 and 102 (FRE, GER or SPA 111 and 112), PSY 200 (PSY 203)

To satisfy the AMALI degree requirement, take GEO 112 (GEO 135) or PSC 212 (POL 151).

The Criminal Justice program offers both a BA and BS option. The BA option requires a foreign language through the 3rd semester or LAN 115 (FRE 201, GER 201 or SPN 201). The BS degree requires a 3 credit SMT course: select from ANT 240 (ANT 102), BIO 226 (BSC 160), BIO 240 (BSC 201), BIO 275 (BSC 223), BUS 121 (MQM 100), CHM 142 or 152 (CHE 141), CHM 201 (CHE 230), MAT 117 (MAT 121), MAT 120 (ECO 138), MAT 125 (MAT 160), MAT 201 (MAT 146), MAT 202 (MAT 147), MAT 221 (MAT175), MAT 282 (ECO 138), PHS 107 (GEO 211), PHY 156 (PHY 109 and PHY 206 (PHY 111)

UIS Take an Introduction to Criminal Justice course (CRJ 103) and one other lower division criminal justice course (CRJ 105, 218 or 223).



Associate in Arts Degree in Early Childhood Education

Transfer Curriculum 000AA0086
Associate in Arts: 64 Hrs. Min.
Major Code: 1.1 131201
Effective Date: Fall 2019

GENERAL EDUCATION (IAI GECC, 37-38 CREDITS)

The Illinois Articulation Initiative (IAI) General Education Core Curriculum (GECC) requires 12 to 13 courses from the following five areas. Courses selected to meet IAI GECC requirements may also meet course requirements for a specific major.

IAI COMMUNICATIONS (3 COURSES)

	Sem.	Grade
ENG 101 or ENG 113 (C grade or higher)	_____	_____
ENG 102 (C grade or higher)	_____	_____
COM 115 Speech	_____	_____

IAI HUMANITIES AND FINE ARTS (3 COURSES)

At least one course must be an IAI Fine Arts elective and one course must be an IAI Humanities elective.

	Sem.	Grade
ART 111, MUS 105, or THE 113	_____	_____
Humanities Elective	_____	_____
Humanities or Fine Arts Elective	_____	_____

IAI Fine Arts Electives:

Art: ART 111, 220, 221, 291
Literature: LIT 275
Music: MUS 105, 225
Theater: THE 113

IAI Humanities Electives:

Foreign Language: FRE 202, GER 202, SPN 202
History: HIS 101, 102, 213
Literature: LIT 210, 230, 235, 264, 280, 281, 284, 295
Philosophy: PHL 111, 121, 131, 200, 260

IAI MATHEMATICS (1 COURSE)

	Sem.	Grade
MAT 209	_____	_____

IAI SOCIAL AND BEHAVIORAL SCIENCES (3 COURSES)

At least two different disciplines (course prefixes) must be represented.

	Sem.	Grade
HIS 202 or Social Science Elective	_____	_____
PSC 131 or Social Science Elective	_____	_____
PSY 132, 262 or Social Science Elective	_____	_____

IAI Social and Behavioral Sciences Electives:

Anthropology: ANT 111, 202, 216, 240
Economics: ECO 201, 202
Geography: GEO 112
History: HIS 103, 104, 201, 202
Political Science: PSC 131, 211, 212, 213, 289
Psychology: PSY 132, 200, 203, 262
Sociology: SOC 133, 221, 263, 264

IAI PHYSICAL/LIFE SCIENCES (2 COURSES)

One course must be at least 4 credit hours and include a lab component.

	Sem.	Grade
SCI 210A or Life Science Elective	_____	_____
SCI 210B or Physical Science Elective	_____	_____

IAI Life Science Electives:

Biology: BIO 100, 101, 105, 225
Interdisciplinary: PHS 101 with PHS 111, SCI 210A and SCI 210B
Life Science: SCI 215

IAI Physical Science Electives:

Chemistry: CHM 141, 151
Interdisciplinary: PHS 101 with PHS 111, SCI 210A and SCI 210B
Physical Science: PHS 102, 103, 105, 107
Physics: PHY 121, 155, 205

MAJOR AND GENERAL ELECTIVE REQUIREMENTS (IAI GECC and major/elective credits must total a minimum of 63 hours, of which 24-25 must be general elective credits.)

Consult with the transfer institution to determine if certain courses require a grade of "C" or higher, or if there is a minimum grade point average for admission to your declared major. Please select courses on this guide in accordance with the Articulation Notes for your transfer institution.

	Sem.	Grade
ORI 100 (1)	_____	_____
MAT 108	_____	_____
MAT 208	_____	_____
EDC 203 or Elective	_____	_____
PEDE 202 or Elective	_____	_____
HTH 110 or Elective	_____	_____
Elective or ECE 160	_____	_____
Elective or ECE 260	_____	_____
Elective or ECE 245	_____	_____

TEACHER EDUCATION PROGRAM: To be considered for admission into a formal Teacher Education Program, qualifying scores on the TAP, ACT plus writing, or SAT must be submitted. Students must earn a grade of "C" or higher in all courses for an endorsement and required in the major. Students must also meet the minimum grade point average required for consideration into the TEP (typically a minimum of 2.5, but may be higher depending on the institution or program option selected).

Helpful tips for applying to a Teacher Education Program may be found [here](#):

SIUC TRANSFER INFORMATION: Students are required to take EDC 202, EDC 203, MAT 108, MAT 208, MAT 209, SCI 210A, SCI 210B, HIS 202, PSC 131, HTH 110, PEDE 202, and PSY 132 or PSY 262. Students are also required to take six credits in Humanities to be selected from HIS 213, LIT 280, LIT 232, HIS 101, and/or HIS 102.

SIUE TRANSFER INFORMATION: PHL 121, CIS 207, EDC 200, GEO 112, PSY 262, MUS 105, HTH 110, HIS 201, HIS 202, MAT 208, MAT 209, SCI 210A, and SCI 210B are required. Select one course from LIT 211, 212, 231, 232, 235, 264, 280, 284, or 295 to satisfy the literature requirement.

EIU TRANSFER INFORMATION: EDC 200, EDC 202 or PSY 262, BIO 100 or BIO 101, CHM 151 or PHY 155, and GEO 112 are required. Select one course from LIT 210, 230, 235, 264, 280, 284, or 295 to satisfy the literature requirement.

ISU TRANSFER INFORMATION: EDC 208 or PSY 265 is required. Students should select one course from ANT 111, ANT 216, GEO 112, HIS 103, HIS 104, HUM 120, PHL 200, PHL 260, PSC 120, or PSC 212 to satisfy the Global Studies requirement for all majors.



John A. Logan College

Associate in Arts Degree in Economics

Transfer Curriculum 000AA0086

Associate in Arts: 64 Hrs. Min.

Major Code: 1.1 450601

Effective Date: Fall 2019

GENERAL EDUCATION (IAI GECC, 37-38 CREDITS)

The Illinois Articulation Initiative (IAI) General Education Core Curriculum (GECC) requires 12 to 13 courses from the following five areas. Courses selected to meet IAI GECC requirements may also meet course requirements for a specific major.

IAI COMMUNICATIONS (3 COURSES)

	Sem.	Grade
ENG 101 or ENG 113 (C grade or higher)	_____	_____
ENG 102 (C grade or higher)	_____	_____
COM 115 Speech	_____	_____

IAI HUMANITIES AND FINE ARTS (3 COURSES)

At least one course must be an IAI Fine Arts elective and one course must be an IAI Humanities elective.

	Sem.	Grade
Fine Arts Elective (3)	_____	_____
Humanities Elective (3)	_____	_____
Humanities or Fine Arts Elective (3)	_____	_____

IAI Fine Arts Electives:

Art: ART 111, 220, 221, 291

Literature: LIT 275

Music: MUS 105, 225

Theater: THE 113

IAI Humanities Electives:

Foreign Language: FRE 202, GER 202, SPN 202

History: HIS 101, 102, 213

Literature: LIT 210, 230, 235, 264, 280, 281, 284, 295

Philosophy: PHL 111, 121, 131, 200, 260

IAI MATHEMATICS (1 COURSE)

	Sem.	Grade
Math Elective (3-5)	_____	_____

IAI Mathematics Electives:

MAT 112, MAT 113, MAT 116, MAT 117, MAT 119, MAT 120, MAT 125/CPS 202, MAT 131, MAT 201, MAT 202, MAT 282

IAI SOCIAL AND BEHAVIORAL SCIENCES (3 COURSES)

At least two different disciplines (course prefixes) must be represented.

	Sem.	Grade
ECO 201 (3)	_____	_____
ECO 202 (3)	_____	_____
Social Science Elective (3)	_____	_____

IAI Social and Behavioral Sciences Electives:

Anthropology: ANT 111, 202, 216, 240

Geography: GEO 112

History: HIS 103, 104, 201, 202

Political Science: PSC 131, 211, 212, 213, 289

Psychology: PSY 132, 200, 203, 262

Sociology: SOC 133, 221, 263, 264

IAI PHYSICAL/LIFE SCIENCES (2 COURSES)

One course must be at least 4 credit hours and include a lab component.

	Sem.	Grade
Life Science Elective (3-4)	_____	_____
Physical Science Elective (3-5)	_____	_____

IAI Life Science Electives:

Biology: BIO 100, 101, 105, 225

Interdisciplinary: PHS 101 with PHS 111, SCI 210A and SCI 210B

Life Science: SCI 215

IAI Physical Science Electives:

Chemistry: CHM 141, 151

Interdisciplinary: PHS 101 with PHS 111, SCI 210A and SCI 210B

Physical Science: PHS 102, 103, 105, 107

Physics: PHY 121, 155, 205

MAJOR AND GENERAL ELECTIVE REQUIREMENTS (IAI GECC and major/elective credits must total a minimum of 64 hours, of which 24-25 must be general elective credits.)

Consult with the transfer institution to determine if certain courses require a grade of "C" or higher, or if there is a minimum grade point average for admission to your declared major. Please select courses on this guide in accordance with the Articulation Notes for your transfer institution.

	Sem.	Grade
ORI 100 (1)	_____	_____
Elective (3)	_____	_____
Elective (3)	_____	_____
Elective (3)	_____	_____
Elective (3)	_____	_____
Elective (3)	_____	_____
Elective (3)	_____	_____
Elective (3)	_____	_____
Elective (3)	_____	_____
Elective (3)	_____	_____
Elective (3)	_____	_____

ARTICULATION NOTES: Consult the transfer institution for specific requirements.

SIUC TRANSFER INFORMATION: Students interested in Business Economics should follow the Business Degree Guide. This guide is for Economics within the College of Liberal Arts. Students should select two courses from ANT 111, ANT 216, ART 220, ART 221, ART 223, ECO 150I, GEO 112, GEO 215, HIS 101, HIS 102, HIS 103, HIS 104, HIS 112, HIS 213, PHL 200, PSC 212, PSC 289, and/or SOC 263 to satisfy the International Coursework requirements. Two semesters of the same foreign language are also required. IPP 141 and 142 could also be used to satisfy the language requirement.

SIUE TRANSFER INFORMATION: Students are required to take ECO 201, 202, and MAT 108 with a grade of "C" or higher. All Economics majors must declare a minor. Suggested minors include math, business, or other approved minor. Students who plan to earn a B.S. in Economics must complete eight courses in the sciences (life, physical, or social). Two of the courses must be designated as laboratory courses. Students who plan to earn a B.A. in Economics must complete eight courses in fine arts or humanities, including a two semester sequence in the same foreign language.

EIU TRANSFER INFORMATION: ECO 201 and 202 must be completed with a "C" or higher. MAT 116 and MAT 117 are required. Students must complete two years of the same foreign language at the high school level with a "C" or higher, or two semesters of the same language at the college level.

ISU TRANSFER INFORMATION: ECO 201, 202, and MAT 117 are required. ACC 200, 201, and 202 are also required for the Managerial Economics Sequence. Two semesters of the same language are required (three years of the same language in high school with a grade of "C" or higher will satisfy this requirement). IPP 141 and 142 may be used to satisfy the language requirement. Students should select one course from ANT 111, ANT 216, GEO 112, HIS 103, HIS 104, HUM 120, PHL 200, PHL 260, PSC 120, or PSC 212 to satisfy the Global Studies requirement for all majors.



John A. Logan College

Associate in Arts Degree in Elementary Education

Transfer Curriculum 000AA0086

Associate in Arts: 64 Hrs. Min.

Major Code: 1.1 131202

Effective Date: Fall 2019

GENERAL EDUCATION (IAI GECC, 37-38 CREDITS)

The Illinois Articulation Initiative (IAI) General Education Core Curriculum (GECC) requires 12 to 13 courses from the following five areas. Courses selected to meet IAI GECC requirements may also meet course requirements for a specific major.

IAI COMMUNICATIONS (3 COURSES)

	Sem.	Grade
ENG 101 or ENG 113 (C grade or higher)	_____	_____
ENG 102 (C grade or higher)	_____	_____
COM 115 Speech	_____	_____

IAI HUMANITIES AND FINE ARTS (3 COURSES)

At least one course must be an IAI Fine Arts elective and one course must be an IAI Humanities elective.

	Sem.	Grade
ART 101, 102, 111, MUS 105, THE 113 or Fine Arts Elective	_____	_____
LIT 280 or HIS 213 or Humanities Elective	_____	_____
Humanities/Fine Arts Elective	_____	_____

IAI Fine Arts Electives:

Art: ART 111, 220, 221, 291

Literature: LIT 275

Music: MUS 105, 225

Theater: THE 113

IAI Humanities Electives:

Foreign Language: FRE 202, GER 202, SPN 202

History: HIS 101, 102, 213

Literature: LIT 210, 230, 235, 264, 280, 281, 284, 295

Philosophy: PHL 111, 121, 131, 200, 260

IAI MATHEMATICS (1 COURSE)

	Sem.	Grade
MAT 119 or MAT 120 or 282 (3)	_____	_____

IAI SOCIAL AND BEHAVIORAL SCIENCES (3 COURSES)

At least two different disciplines (course prefixes) must be represented.

	Sem.	Grade
HIS 202 or HIS 110 or Social Science Elective	_____	_____
PSC 131 or Social Science Elective	_____	_____
PSY 132 or Social Science Elective	_____	_____

IAI Social and Behavioral Sciences Electives:

Anthropology: ANT 111, 202, 216, 240

Economics: ECO 201, 202

Geography: GEO 112

History: HIS 103, 104, 201, 202

Political Science: PSC 131, 211, 212, 213, 289

Psychology: PSY 132, 200, 203, 262

Sociology: SOC 133, 221, 263, 264

IAI PHYSICAL/LIFE SCIENCES (2 COURSES)

One course must be at least 4 credit hours and include a lab component.

	Sem.	Grade
SCI 210A or Physical Science Elective	_____	_____
SCI 210B or Life Science Elective	_____	_____

IAI Life Science Electives:

Biology: BIO 100, 101, 105, 225

Interdisciplinary: PHS 101 with PHS 111, SCI 210A and SCI 210B

Life Science: SCI 215

IAI Physical Science Electives:

Chemistry: CHM 141, 151

Interdisciplinary: PHS 101 with PHS 111, SCI 210A and SCI 210B

Physical Science: PHS 102, 103, 105, 107

Physics: PHY 121, 155, 205

MAJOR AND GENERAL ELECTIVE REQUIREMENTS (IAI GECC and major/elective credits must total a minimum of 64 hours, of which 24-25 must be general elective credits.)

Consult with the transfer institution to determine if certain courses require a grade of "C" or higher, or if there is a minimum grade point average for admission to your declared major. Please select courses on this guide in accordance with the Articulation Notes for your transfer institution.

	Sem.	Grade
ORI 100 (1)	_____	_____
HTH 110 (2) or Elective	_____	_____
MAT 108 (4)	_____	_____
MAT 208 (3)	_____	_____
MAT 209 (3)	_____	_____
EDC 202 or Elective (3)	_____	_____
EDC 203 or Elective (3)	_____	_____
PEDE 202 or Elective (3)	_____	_____
Electives (6)	_____	_____

TEACHER EDUCATION PROGRAM: To be considered for admission into a formal Teacher Education Program, qualifying scores on the TAP, ACT plus writing, or SAT must be submitted. Students must earn a grade of "C" or higher in all courses for an endorsement and required in the major. Students must also meet the minimum grade point average required for consideration into the TEP (typically a minimum of 2.5, but may be higher depending on the institution or program option selected). SIUC requires a **minimum 2.75** grade point average for consideration.

Helpful tips for applying to a Teacher Education Program may be found [here](#):

SIUC TRANSFER INFORMATION: Take ENG 101 (ENGL 101), ENG 102 (ENGL 102), SPE 115 (CMST 101). Select one from ART 101 (AD 100A), ART 102 (AD100B), ART 111 (AD 101), MUS 105 (MUS 103), or THE 113 (THEA 101). Select two from LIT 280 (ENGL121), HIS 213 (EA 102), HIS 103 (HIST 101A) or HIS 104 (HIST 101B). Take PSC 131 (POLS 114), HIS 202 or 110 (HIST 110). Take SCI 210A (SCI 210A) and SCI 210B (SCI 210B). TAKE HTH 110 (HED 101), Take MAT 108 (MATH 108), MAT 208 (MATH 120), MAT 209 (MATH 220), MAT 120 or 282 (MATH 282), EDC 202 (EDUC 214), EDC 203 (EDUC 211) and PEDE 202 (KIN 202). SIUC will accept up to 78 articulated credits as applicable toward degree requirements.

SIUE TRANSFER INFORMATION: Take ENG 101 (ENG 101), MAT 208 (MATH 112A), MUS 105 or 225 (MUS 111), PHL 121 (RA 101), EDC 200 (CIED 100), SPE 115 (ACS 101/SPC 101), MAT 113 or 131 (QR 101), ENG 102 (ENG 102), HIS 201 (HIST 200), MAT 108 (MATH 120), PSY 132 (PSYC 111), MAT 209 (MATH 112B), EDC 208 (SPE 400), HIS 202 (HIST 201), SELECT ONE IAI HUMANITIES LIT COURSE (ENG LITERATURE BHUM), SCI 241A (SCI 210A), PHS 103 (ESCI 111), GEO 112 (GEOG 111), PSY 262 (PSYC 201), ECO 201 or 202 (ECON 111 or 112), SCI 210B (SCI 241B).

EIU TRANSFER INFORMATION: Take EDC 200 and 202 (ELE 2050), CPS 111 (EDU 2022), EDC 203 (EDF 2555G), ENG 101 (ENG 1001G), ENG 102 (ENG 1002G), SPE 115 (CMN 1310G), PSC 131 (PLS 1153G), GEO 112 (GEO 1200G), SELECT ONE from ANT 111, 216, PSC 213, PSY 132 or SOC 264 (ANT 2200G, PLS 2253G, PSY 1879G or SOC 2750G), SELECT ONE from ART 111, MUS 105 or THE 113 (ART 2330G, MUS 3553G or THA 2140G), SELECT ONE from IAI HUMANITIES LIT COURSES (ANY "G" HUMANITIES COURSE), HIS 201 or 202 (HIS 2010G or HIS 2020G), BIO 100 or 101 (BIO 1001G), PHY 155 (PHY 1151G and 1152G), CHM 151 (CHM 1310G and 1315G), PHS 103 (GEO 1300G), MAT 208 (MAT 1420), MAT 209 (MAT 2420G), MAT 120 or 282 (MAT 2250G). RECOMMENDATION includes ECO 201 or 201 (ECN 2801G or 2802G)

ISU TRANSFER INFORMATION: Take BIO 100 OR 101 (BSC 101), SPE 115 (COM 110), ENG 101 (ENG 101), GEO 112 (GEO 135), PHS 107 (GEO 211), HIS 201 (HIS 135) or HIS 202 (HIS 136), PSC 131 (POL 106), EDC 202 or PSY 262 (TCH 210), ECO 201 and 202 (ECO105), LIT 264 (ENG 170), MAT 108 (MAT 119), MAT 209 (MAT 152), EDC 208 or PSY 265 (SED 101)



John A. Logan College

Associate in Arts Degree in English

Transfer Curriculum 000AA0086

Associate in Arts: 64 Hrs. Min.

Major Code: 1.1 230101

Effective Date: Fall 2019

GENERAL EDUCATION (IAI GECC, 37-38 CREDITS)

The Illinois Articulation Initiative (IAI) General Education Core Curriculum (GECC) requires 12 to 13 courses from the following five areas. Courses selected to meet IAI GECC requirements may also meet course requirements for a specific major.

IAI COMMUNICATIONS (3 COURSES)

	Sem.	Grade
ENG 101 (C grade or higher)	_____	_____
ENG 102 (C grade or higher)	_____	_____
COM 115 Speech	_____	_____

IAI HUMANITIES AND FINE ARTS (3 COURSES)

At least one course must be an IAI Fine Arts elective and one course must be an IAI Humanities elective.

	Sem.	Grade
Fine Arts Elective	_____	_____
LIT 280 or Humanities Elective	_____	_____
LIT 281, Humanities or Fine Arts Elective	_____	_____

IAI Fine Arts Electives:

Art: ART 111, 220, 221, 291

Literature: LIT 275

Music: MUS 105, 225

Theater: THE 113

IAI Humanities Electives:

Foreign Language: FRE 202, GER 202, SPN 202

History: HIS 101, 102, 213

Literature: LIT 210, 230, 235, 264, 280, 281, 284, 295

Philosophy: PHL 111, 121, 131, 200, 260

IAI MATHEMATICS (1 COURSE)

	Sem.	Grade
MAT Elective	_____	_____

IAI Mathematics Electives:

MAT 112, MAT 113, MAT 116, MAT 117, MAT 119, MAT 120, MAT 125/CPS 202, MAT 131, MAT 201, MAT 202, MAT 282

IAI SOCIAL AND BEHAVIORAL SCIENCES (3 COURSES)

At least two different disciplines (course prefixes) must be represented.

	Sem.	Grade
Social Science Elective	_____	_____
Social Science Elective	_____	_____
Social Science Elective	_____	_____

IAI Social and Behavioral Sciences Electives:

Anthropology: ANT 111, 202, 216, 240

Economics: ECO 201, 202

Geography: GEO 112

History: HIS 103, 104, 201, 202

Political Science: PSC 131, 211, 212, 213, 289

Psychology: PSY 132, 200, 203, 262

Sociology: SOC 133, 221, 263, 264

IAI PHYSICAL/LIFE SCIENCES (2 COURSES)

One course must be at least 4 credit hours and include a lab component.

	Sem.	Grade
Life Science Elective	_____	_____
Physical Science Elective	_____	_____

IAI Life Science Electives:

Biology: BIO 100, 101, 105, 225

Interdisciplinary: PHS 101 with PHS 111, SCI 210A and SCI 210B

Life Science: SCI 215

IAI Physical Science Electives:

Chemistry: CHM 141, 151

Interdisciplinary: PHS 101 with PHS 111, SCI 210A and SCI 210B

Physical Science: PHS 102, 103, 105, 107

Physics: PHY 121, 155, 205

MAJOR AND GENERAL ELECTIVE REQUIREMENTS (IAI GECC and major/elective credits must total a minimum of 64 hour, of which 24-25 must be general elective credits.)

Consult with the transfer institution to determine if certain courses require a grade of "C" or higher, or if there is a minimum grade point average for admission to your declared major. Please select courses on this guide in accordance with the Articulation Notes for your transfer institution.

	Sem.	Grade
ORI 100 (1)	_____	_____
LIT 210 or Elective (3)	_____	_____
LIT 230 or Elective (3)	_____	_____
Foreign Language I or Elective (3-4)	_____	_____
Foreign Language II or Elective (3-4)	_____	_____
Elective (3)	_____	_____
Elective (3)	_____	_____
Elective (3)	_____	_____
Elective (3)	_____	_____
Elective (3)	_____	_____

ARTICULATION NOTES: Consult the transfer institution for specific requirements.

DEGREE INFORMATION: This program guide follows the IAI English Major panel. Competency in a single foreign language through the second, third, or fourth semester is recommended.

SIUC TRANSFER INFORMATION: LIT 281 is recommended with a grade of "C" or higher. Students should select two courses from ANT 111, ANT 216, ART 220, ART 221, ART 223, ECO 150I, GEO 112, GEO 215, HIS 101, HIS 102, HIS 103, HIS 104, HIS 112, HIS 213, PHL 200, PSC 212, PSC 289, and/or SOC 263 to satisfy the International Coursework requirement in the College of Liberal Arts. Two semesters of the same foreign language are also required. IPP 141 and 142 could also be used to satisfy the language requirement. LIT 281 is recommended. Students considering graduate study in English should take four semesters of the same foreign language.

SIUE TRANSFER INFORMATION: Two semesters of the same foreign language are required. PHL 121 is recommended

EIU TRANSFER INFORMATION: A culturally diverse course is required. PHL 200 (Humanities) or GEO 112 (Social Science) will fulfill this requirement. Two semesters of the same foreign language are required (two years of the same foreign language in high school with a grade of "C" or higher will satisfy this requirement).

ISU TRANSFER INFORMATION: Transfer students must have at least a cumulative 2.5 GPA with the required prerequisites (ENG 101 or SPE 115 and LIT 264 with a grade of "B" or higher) or a 3.3 GPA with no prerequisites. Two semesters of the same language are required (three years of the same language in high school with a grade of "C" or higher will satisfy this requirement). IPP 141 and 142 may be used to satisfy the language requirement. Students should select one course from ANT 111, ANT 216, GEO 112, HIS 103, HIS 104, HUM 120, PHL 200, PHL 260, PSC 120, or PSC 212 to satisfy the Global Studies requirement for all majors.



John A. Logan College

Associate in Arts Degree in English Education

Transfer Curriculum 000AA0086

Associate in Arts: 63 Hrs. Min.

Major Code: 1.1 131305

Effective Date: Fall 2019

GENERAL EDUCATION (IAI GECC, 37-38 CREDITS)

The Illinois Articulation Initiative (IAI) General Education Core Curriculum (GECC) requires 12 to 13 courses from the following five areas. Courses selected to meet IAI GECC requirements may also meet course requirements for a specific major.

IAI COMMUNICATIONS (3 COURSES)

	Sem.	Grade
ENG 101 or ENG 113 (C grade or higher)	_____	_____
ENG 102 (C grade or higher)	_____	_____
COM 115 Speech	_____	_____

IAI HUMANITIES AND FINE ARTS (3 COURSES)

At least one course must be an IAI Fine Arts elective and one course must be an IAI Humanities elective.

	Sem.	Grade
Fine Arts Elective	_____	_____
LIT 280 or Humanities Elective	_____	_____
LIT 281, Humanities or Fine Arts Elective	_____	_____

IAI Fine Arts Electives:

Art: ART 111, 220, 221, 291
Literature: LIT 275
Music: MUS 105, 225
Theater: THE 113

IAI Humanities Electives:

Foreign Language: FRE 202, GER 202, SPN 202
History: HIS 101, 102, 213
Literature: LIT 210, 230, 264, 280, 281, 284, 295
Philosophy: PHL 111, 121, 131, 200, 260

IAI MATHEMATICS (1 COURSE)

	Sem.	Grade
MAT Elective	_____	_____

IAI Mathematics Electives:

MAT 112, MAT 113, MAT 116, MAT 117, MAT 119, MAT 120, MAT 125/CPS 202, MAT 131, MAT 201, MAT 202, MAT 282

IAI SOCIAL AND BEHAVIORAL SCIENCES (3 COURSES)

At least two different disciplines (course prefixes) must be represented.

	Sem.	Grade
PSY 132 or Social Science Elective	_____	_____
Social Science Elective	_____	_____
Social Science Elective	_____	_____

IAI Social and Behavioral Sciences Electives:

Anthropology: ANT 111, 202, 216, 240
Economics: ECO 201, 202
Geography: GEO 112
History: HIS 103, 104, 201, 202
Political Science: PSC 131, 211, 212, 213, 289
Psychology: PSY 132, 200, 203, 262
Sociology: SOC 133, 221, 263, 264

IAI PHYSICAL/LIFE SCIENCES (2 COURSES)

One course must be at least 4 credit hours and include a lab component.

	Sem.	Grade
Life Science Elective	_____	_____
Physical Science Elective	_____	_____

IAI Life Science Electives:

Biology: BIO 100, 101, 105, 225
Interdisciplinary: PHS 101 with PHS 111, SCI 210A and SCI 210B
Life Science: SCI 215

IAI Physical Science Electives:

Chemistry: CHM 141, 151
Interdisciplinary: PHS 101 with PHS 111, SCI 210A and SCI 210B
Physical Science: PHS 102, 103, 105, 107
Physics: PHY 121, 155, 205

MAJOR AND GENERAL ELECTIVE REQUIREMENTS (IAI GECC and major/elective credits must total a minimum of 62 hour, of which 24-25 must be general elective credits.)

Consult with the transfer institution to determine if certain courses require a grade of "C" or higher, or if there is a minimum grade point average for admission to your declared major. Please select courses on this guide in accordance with the Articulation Notes for your transfer institution.

	Sem.	Grade
ORI 100 (1)	_____	_____
EDC 202 or Elective	_____	_____
EDC 203 or Elective	_____	_____
LIT 210 or Elective	_____	_____
LIT 230 or Elective	_____	_____
Foreign Language I or Elective	_____	_____
Foreign Language II or Elective	_____	_____
Elective	_____	_____
Elective	_____	_____
Elective	_____	_____

ARTICULATION NOTES: Consult the transfer institution for specific requirements.

TEACHER EDUCATION PROGRAM: To be considered for admission into a formal Teacher Education Program, qualifying scores on the TAP, ACT plus writing, or SAT must be submitted. Students must earn a grade of "C" or higher in all courses for an endorsement and required in the major. Students must also meet the minimum grade point average required for consideration into the TEP (typically a minimum of 2.5, but may be higher depending on the institution or program option selected).

Helpful tips for applying to a Teacher Education Program may be found [here](#):

SIUC TRANSFER INFORMATION: LIT 280, PSY 132, EDC 202, and 203 are required. Students should select two courses from ANT 111, ANT 216, ART 220, ART 221, ART 223, ECO 150I, GEO 112, GEO 215, HIS 101, HIS 102, HIS 103, HIS 104, HIS 112, HIS 213, PHL 200, PSC 212, PSC 289, and/or SOC 263 to satisfy the International Coursework requirement in the College of Liberal Arts. Two semesters of the same foreign language are also required. IPP 141 and 142 could also be used to satisfy the language requirement. LIT 281 is recommended.

SIUE TRANSFER INFORMATION: EDC 200, EDC 203, EDC 208, PHL 121 and SPE 122 or SPE 200 are required. Two semesters of the same foreign language are also required.

EIU TRANSFER INFORMATION: GEO 112 or PHL 200 is required and satisfies the culturally diverse course requirement. Two semesters of the same foreign language are required (two years of the same foreign language in high school with a grade of "C" or higher will satisfy this requirement).

ISU TRANSFER INFORMATION: LIT 264 is required. Students are required to complete three semesters of a single foreign language. Students should select one course from ANT 111, ANT 216, GEO 112, HIS 103, HIS 104, HUM 120, PHL 200, PHL 260, PSC 120, or PSC 212 to satisfy the Global Studies requirement for all majors



John A. Logan College

Associate in Arts Degree in Environmental Resources and Geography

Transfer Curriculum 000AA0086
Associate in Arts: 64 Hrs. Min.
Major Code: 1.1 150507B
Effective Date: Fall 2019

GENERAL EDUCATION (IAI GECC, 37-38 CREDITS)

The Illinois Articulation Initiative (IAI) General Education Core Curriculum (GECC) requires 12 to 13 courses from the following five areas. Courses selected to meet IAI GECC requirements may also meet course requirements for a specific major.

IAI COMMUNICATIONS (3 COURSES)

	Sem.	Grade
ENG 101 or ENG 113 (C grade or higher)	_____	_____
ENG 102 (C grade or higher)	_____	_____
COM 115 Speech	_____	_____

IAI HUMANITIES AND FINE ARTS (3 COURSES)

At least one course must be an IAI Fine Arts elective and one course must be an IAI Humanities elective.

	Sem.	Grade
Fine Arts Elective	_____	_____
Humanities Elective	_____	_____
Humanities or Fine Arts Elective	_____	_____

IAI Fine Arts Electives:

Art: ART 111, 220, 221, 291
Literature: LIT 275
Music: MUS 105, 225
Theater: THE 113

IAI Humanities Electives:

Foreign Language: FRE 202, GER 202, SPN 202
History: HIS 101, 102, 213
Literature: LIT 210, 230, 235, 264, 280, 281, 284, 295
Philosophy: PHL 111, 121, 131, 200, 260

IAI MATHEMATICS (1 COURSE)

	Sem.	Grade
MAT Elective	_____	_____

IAI Mathematics Electives:

MAT 112, MAT 113, MAT 116, MAT 117, MAT 119, MAT 120, MAT 125/CPS 202, MAT 131, MAT 201, MAT 202, MAT 282

IAI SOCIAL AND BEHAVIORAL SCIENCES (3 COURSES)

At least two different disciplines (course prefixes) must be represented.

	Sem.	Grade
GEO 112	_____	_____
Social Science Elective	_____	_____
Social Science Elective	_____	_____

IAI Social and Behavioral Sciences Electives:

Anthropology: ANT 111, 202, 216, 240
Economics: ECO 201, 202
History: HIS 103, 104, 201, 202
Political Science: PSC 131, 211, 212, 213, 289
Psychology: PSY 132, 200, 203, 262
Sociology: SOC 133, 221, 263, 264

IAI PHYSICAL/LIFE SCIENCES (2 COURSES)

One course must be at least 4 credit hours and include a lab component.

	Sem.	Grade
Life Science Elective	_____	_____
PHS 107 or Physical Science Elective	_____	_____

IAI Life Science Electives:

Biology: BIO 100, 101, 105, 225
Interdisciplinary: PHS 101 with PHS 111, SCI 210A and SCI 210B
Life Science: SCI 215

IAI Physical Science Electives:

Chemistry: CHM 141, 151
Interdisciplinary: PHS 101 with PHS 111, SCI 210A and SCI 210B
Physical Science: PHS 102, 103, 105, 107
Physics: PHY 121, 155, 205

MAJOR AND GENERAL ELECTIVE REQUIREMENTS (IAI GECC and

major/elective credits must total a minimum of 64 hour, of which 24-25 must be general elective credits.) IAI GECC and major/elective credits must total a minimum of 64 hours for the degree.) Select courses on this guide in accordance with the Articulation Notes. Students planning to transfer to other four year institutions should follow the recommendations outlined in that colleges course catalog. Course equivalencies may be found on that college website or on the Transferology website at www.itransfer.org

	Sem.	Grade
ORI 100 (1)	_____	_____
SCI 215 or Elective	_____	_____
Foreign Language I or Elective	_____	_____
Foreign Language II or Elective	_____	_____
Elective	_____	_____
Elective	_____	_____
Elective	_____	_____
Elective	_____	_____
Elective	_____	_____
Elective	_____	_____

ARTICULATION NOTES: Consult with the transfer institution to determine if certain courses require a grade of "C" or higher, or if there is a minimum grade point average for admission to your declared major. Please select courses on this guide in accordance with the Articulation Notes for your transfer institution.

SIUC TRANSFER INFORMATION: GEO 112, PHS 107 are required. GEO 215 is required for the Sustainability Specialization. Students should select two courses from ANT 111, ANT 216, ART 220, ART 221, ART 223, ECO 150I, GEO 112, GEO 215, HIS 101, HIS 102, HIS 103, HIS 104, HIS 112, HIS 213, PHL 200, PSC 212, PSC 289, and/or SOC 263 to satisfy the International Coursework requirement in the College of Liberal Arts. Two semesters of the same foreign language are also required. In addition to other language courses, IPP 141 and 142 may be used to satisfy this requirement.

SIUE TRANSFER INFORMATION: GEO 112 is required. Two semesters of the same foreign language are also required.

EIU TRANSFER INFORMATION: GEO 112 and PHS 103 are required. GEO 215, PHS 101, 111, and 107 may count depending on the specialization.

ISU TRANSFER INFORMATION: GEO 112 is required. Two semesters of the same language are also required (three years of the same language in high school with a grade of "C" or higher will satisfy this requirement). Students should select one course from ANT 111, ANT 216, GEO 112, HIS 103, HIS 104, HUM 120, PHL 200, PHL 260, PSC 120, or PSC 212 to satisfy the Global Studies requirement for all majors.



John A. Logan College

Associate in Arts Degree in History Education

Transfer Curriculum 000AA0086
Associate in Arts: 63 Hrs. Min
Major Code: 1.1 131328A
Effective Date: Fall 2019

GENERAL EDUCATION (IAI GECC, 37-38 CREDITS)

The Illinois Articulation Initiative (IAI) General Education Core Curriculum (GECC) requires 12 to 13 courses from the following five areas. Courses selected to meet IAI GECC requirements may also meet course requirements for a specific major.

IAI COMMUNICATIONS (3 COURSES)

	Sem.	Grade
ENG 101 or ENG 113 (C grade or higher)	_____	_____
ENG 102 (C grade or higher)	_____	_____
COM 115 Speech	_____	_____

IAI HUMANITIES AND FINE ARTS (3 COURSES)

At least one course must be an IAI Fine Arts elective and one course must be an IAI Humanities elective.

	Sem.	Grade
Fine Arts Elective	_____	_____
Humanities Elective	_____	_____
Humanities or Fine Arts Elective	_____	_____

IAI Fine Arts Electives:

Art: ART 111, 220, 221, 291
Literature: LIT 275
Music: MUS 105, 225
Theater: THE 113

IAI Humanities Electives:

Foreign Language: FRE 202, GER 202, SPN 202
History: HIS 101, 102, 213
Literature: LIT 210, 230, 235, 264, 280, 281, 284, 295
Philosophy: PHL 111, 121, 131, 200, 260

IAI MATHEMATICS (1 COURSE)

	Sem.	Grade
MAT Elective	_____	_____

IAI Mathematics Electives:
MAT 112, MAT 113, MAT 116, MAT 117, MAT 119, MAT 120, MAT 125/CPS 202, MAT 131, MAT 201, MAT 202, MAT 282

IAI SOCIAL AND BEHAVIORAL SCIENCES (3 COURSES)

At least two different disciplines (course prefixes) must be represented.

	Sem.	Grade
PSY 132 or Social Science Elective	_____	_____
PSC 131 or Social Science Elective	_____	_____
SOC 133 or Social Science Elective	_____	_____

IAI Social and Behavioral Sciences Electives:

Anthropology: ANT 111, 202, 216, 240
Economics: ECO 201, 202
Geography: GEO 112
History: HIS 103, 104, 201, 202
Political Science: PSC 131, 211, 212, 213, 289
Psychology: PSY 132, 200, 203, 262
Sociology: SOC 133, 221, 263, 264

IAI PHYSICAL/LIFE SCIENCES (2 COURSES)

One course must be at least 4 credit hours and one must include a lab component.

	Sem.	Grade
Life Science Elective	_____	_____
Physical Science Elective	_____	_____

IAI Life Science Electives:

Biology: BIO 100, 101, 105, 225
Interdisciplinary: PHS 101 with PHS 111, SCI 210A and SCI 210B
Life Science: SCI 215

IAI Physical Science Electives:

Chemistry: CHM 141, 151
Interdisciplinary: PHS 101 with PHS 111, SCI 210A and SCI 210B
Physical Science: PHS 102, 103, 105, 107
Physics: PHY 121, 155, 205

MAJOR AND GENERAL ELECTIVE REQUIREMENTS (IAI GECC and major/elective credits must total a minimum of 62 hour, of which 24-25 must be general elective credits.)

IAI GECC and major/elective credits must total a minimum of 64 hours for the degree.) Select courses on this guide in accordance with the Articulation Notes. Students planning to transfer to other four year institutions should follow the recommendations outlined in that colleges course catalog. Course equivalencies may be found on that college website or on the Transferology website at www.itransfer.org

	Sem.	Grade
ORI 100 (1)	_____	_____
HIS 101(3) and HIS 102 (3) or	_____	_____
HIS 103 (3) and HIS 104 (3)	_____	_____
HIS 201 (3)	_____	_____
HIS 202 (3)	_____	_____
EDC 202 or Elective (3)	_____	_____
EDC 203 or Elective (3)	_____	_____
Single Foreign Language (8) or Electives	_____	_____

ARTICULATION NOTES: Consult with the transfer institution to determine if certain courses require a grade of "C" or higher, or if there is a minimum grade point average for admission to your declared major. Please select courses on this guide in accordance with the Articulation Notes for your transfer institution. Consult the transfer institution for specific requirements.

IAI HISTORY MAJOR PANEL RECOMMENDATIONS

*Complete a History core by following either Option 1 or Option 2

--Option 1: Take HIS 201 (S2 900), HIS 202 (S2 901) and HIS 101 (H2 901) and HIS 102 (H2 902)

Or

--Option 2: Take HIS 201 (S2 900) and HIS 202 (S2 901) and HIS 103 (S2 912N) and HIS 104 (S2 913N)

*IAI NOTES: a) Since some schools divide the Historical periods differently, you should complete course sequences at the same school. b) History Majors should take non-history courses to fulfill the IAI Humanities and Fine Arts and the IAI Social and Behavioral Sciences requirements. c) Schools require a competency in a single foreign language through the second, third or fourth level.

TEACHER EDUCATION PROGRAM: To be considered for admission into a formal Teacher Education Program, qualifying scores on the TAP, ACT plus writing, or SAT must be submitted. Students must earn a grade of "C" or higher in all courses for an endorsement and required in the major. Students must also meet the minimum grade point average required for consideration into the TEP (typically a minimum of 2.5, but may be higher depending on the institution or program option selected).

Helpful tips for applying to a Teacher Education Program may be found [here](#):

SIUC TRANSFER INFORMATION: SIUC Transfer Information

SIUC policy allows for the acceptance and applicability of up to 78 articulated credits toward degree requirements.

Take HIS 103 (HIST 101A) and HIS 104 (HIST 101B). Take HIS 201 (HIST 300) and HIS 202 (HIST 301). Take PSC 131 (POLS 114), PSY 132 (PSYC 102), PHS 107 (GEOG 104).

Take HIS 213 (HIST 380A) as History Elective credit. Take EDC 203 (EDUC 211) and EDC 202 (EDUC 214)

Additional requirements for the Social Science Teaching License include ANT 111 or 216 (ANTH 104), ECO 201 or 202 (ECON 113), PSC 289 (POLS 270) or PSC 213 (POLS 270) and SOC 133 (SOC 108). If student's program permits, recommended electives include ANT 202 (ANTH 202) ECO 202 (ECON 240), ECO 201 (ECON 241), PSC 211 (POLS 213), PSY 203 (PSYC 303).

SIUE TRANSFER INFORMATION: Compete the Associate in Arts degree

Take HIS 103 (HIST 112A), HIS 104 (HIST 112B), HIS 201 (HIST 200) and HIS 202 (HIST 201). Take PHL 121 (RA 101) and MAT 113 (QR101) or MAT 131 (MATH

150). Foreign language is recommended for those interested in pursuing graduate study.

Teacher Licensure in Historical Studies requires completion of a social sciences minor including ANT 216 (ANTH 111B, SOC 133 (SOC 111), ECO 201 (ECON 111), ECO 202 (ECON 112), PSC 131(POLS 112) and PSC 212 (POLS 370).

EIU TRANSFER INFORMATION: Offers a BA degree in History with a Teacher Licensure Option

Take HIS 101 (HIS 2560), HIS 102 (HIS 3555), HIS 201 (HIS 2010G), HIS 202 (HIS 2020G), ECO 201 (ECN 2801G), ECO 202 (ECN 2802G), GEO 112 (GEO 1200G), PSC211 (PLS 3603), PSC 212 or 213 (PLS 2253G), ANT 111(ANT 2200G).

Complete a single foreign language through the second semester course: FRE 102 (FLF 1102G), GER 102 (FLG 1102G) or SPN 102 (FLS 1102G) .

ISU TRANSFER INFORMATION: Offers a BS degree in History-Social Science Teacher Education Sequence

Take HIS 102 (HIS 102), HIS 201 (HIS 135) and HIS 202 (HIS 136). Take PSC 120 (HIS 104A03). Take RE 201, GER 201 or SPN 201(through LAN 115). Students must complete 16-hour interdisciplinary area. Select from ECO 201/202 (ECO 105), GEO 112 (GEO 135), PSC 131 (POL 106), SOC 133 (SOC 106) or SOC 264 (SOC 108). To satisfy the AMALI (Global Studies) graduation requirement, take one of the following courses: ANT 111, 216, GEO 112, HIS 103, 104, 213, HUM 120, PHL 200, 260, PSC 120, 212 or 213. To fulfill the SMT requirement for a BS degree, take one of the following courses: BIO 105, 226, 240, 275, CHM 142, 201, MAT 120 or 282, PHS 107, MAT 117, 201,202, CPS 202 (or MAT 125), MAT 221, BUS 121 (or MAT 282), PHY 156, or 206.

UIUC Transfer Information

Take HIS 101 (HIST 141), HIS 102 (HIST 142), HIS 201 (HIST 171), HIS 202 (HIST 172). Take MAT 282 or 120 (STAT 100), PSY 132 (PSY 100), PSC 132 (PS 101), PSC 289 (PS 240). Complete a single foreign language through the 4th level: FRE 202 (FR 104), GER 202 (GER 104) or SPN 202 (SPAN 104).



John A. Logan College

Associate in Arts Degree in History

Transfer Curriculum 000AA0086

Associate in Arts: 64 Hrs. Min.

Major Code: 1.1 540101

Effective Date: Fall 2019

GENERAL EDUCATION (IAI GECC, 37-38 CREDITS)

The Illinois Articulation Initiative (IAI) General Education Core Curriculum (GECC) requires 12 to 13 courses from the following five areas. Courses selected to meet IAI GECC requirements may also meet course requirements for a specific major.

IAI COMMUNICATIONS (3 COURSES)

	Sem.	Grade
ENG 101 or ENG 113 (C grade or higher)	_____	_____
ENG 102 (C grade or higher)	_____	_____
COM 115 Speech	_____	_____

IAI HUMANITIES AND FINE ARTS (3 COURSES)

At least one course must be an IAI Fine Arts elective and one course must be an IAI Humanities elective.

	Sem.	Grade
Fine Arts Elective	_____	_____
Humanities Elective	_____	_____
Humanities or Fine Arts Elective	_____	_____

IAI Fine Arts Electives:

Art: ART 111, 220, 221, 291
Literature: LIT 275
Music: MUS 105, 225
Theater: THE 113

IAI Humanities Electives:

Foreign Language: FRE 202, GER 202, SPN 202
History: HIS 101, 102, 213
Literature: LIT 210, 230, 235, 264, 280, 281, 284, 295
Philosophy: PHL 111, 121, 131, 200, 260

IAI MATHEMATICS (1 COURSE)

	Sem.	Grade
MAT Elective	_____	_____

IAI Mathematics Electives:

MAT 112, MAT 113, MAT 116, MAT 117, MAT 119, MAT 120, MAT 125/CPS 202, MAT 131, MAT 201, MAT 202, MAT 282

IAI SOCIAL AND BEHAVIORAL SCIENCES (3 COURSES)

At least two different disciplines (course prefixes) must be represented.

	Sem.	Grade
Social Science Elective	_____	_____
Social Science Elective	_____	_____
Social Science Elective	_____	_____

IAI Social and Behavioral Sciences Electives:

Anthropology: ANT 111, 202, 216, 240
Economics: ECO 201, 202
Geography: GEO 112
History: HIS 103, 104, 201, 202
Political Science: PSC 131, 211, 212, 213, 289
Psychology: PSY 132, 200, 203, 262
Sociology: SOC 133, 221, 263, 264

IAI PHYSICAL/LIFE SCIENCES (2 COURSES)

One course must be at least 4 credit hours and one must include a lab component.

	Sem.	Grade
Life Science Elective	_____	_____
Physical Science Elective	_____	_____

IAI Life Science Electives:

Biology: BIO 100, 101, 105, 225
Interdisciplinary: PHS 101 with PHS 111, SCI 210A and SCI 210B
Life Science: SCI 215

IAI Physical Science Electives:

Chemistry: CHM 141, 151
Interdisciplinary: PHS 101 with PHS 111, SCI 210A and SCI 210B
Physical Science: PHS 102, 103, 105, 107
Physics: PHY 121, 155, 205

MAJOR AND GENERAL ELECTIVE REQUIREMENTS (IAI GECC and major/elective credits must total a minimum of 64 hours, of which 24-25 must be general elective credits.)

IAI GECC and major/elective credits must total a minimum of 64 hours for the degree.) Select courses on this guide in accordance with the Articulation Notes. Students planning to transfer to other four year institutions should follow the recommendations outlined in that colleges course catalog. Course equivalencies may be found on that college website or on the Transferology website at www.itransfer.org

	Sem.	Grade
ORI 100 (1)	_____	_____
HIS 101 (3) and HIS 102 (3) or	_____	_____
HIS 103 (3) and HIS 104 (3)	_____	_____
Foreign Language I (4)	_____	_____
Foreign Language II (4)	_____	_____
Foreign Language III (4) or Elective	_____	_____
Foreign Language IV (4) or Elective	_____	_____
HIS 201 (3)	_____	_____
HIS 202 (3)	_____	_____

ARTICULATION NOTES: Consult with the transfer institution to determine if certain courses require a grade of "C" or higher, or if there is a minimum grade point average for admission to your declared major. Please select courses on this guide in accordance with the Articulation Notes for your transfer institution.

IAI HISTORY MAJOR PANEL RECOMMENDATIONS

*Complete a History core by following either Option 1 or Option 2

--Option 1: Take HIS 201 (S2 900), HIS 202 (S2 901) and HIS 101 (H2 901) and HIS 102 (H2 902)

Or

--Option 2: Take HIS 201 (S2 900) and HIS 202 (S2 901) and HIS 103 (S2 912N) and HIS 104 (S2 913N)

*IAI NOTES: a) Since some schools divide the Historical periods differently, you should complete course sequences at the same school. b) History Majors should take non-history courses to fulfill the IAI Humanities and Fine Arts and the IAI Social and Behavioral Sciences requirements. c) Schools require a competency in a single foreign language through the second, third or fourth level. d) Students pursuing a minor are encouraged to complete one or two requirements in the minor within the AA degree.

SIUC TRANSFER INFORMATION: SIUC policy allows for the acceptance and applicability of up to 78 articulated credits toward degree requirements. Take HIS 103 (HIST 101A) and HIS 104 (HIST 101B). Take HIS 201 (HIST 300) and HIS 202 (HIST 301). Take HIS 213 (HIST 380A) as History Elective credit. The 34 Elective Credits requirement are general elective credits open to any course. Pursue a minor? Take addition credits in History.

To satisfy the COLA foreign language requirement, take FRE, GER or SPN 101 and 102. To satisfy the International coursework (Global Studies) requirement, take two course from: ART 220, 223, ANT 111 or 216, GEO 112, HIS 103, 104, 112, PSC 289, 213 or SOC 263. To satisfy a COLA writing requirement, take ENG 113. ENG 113 will match ENGL 291 if you have completed ENG 101 and 102.

SIUE TRANSFER INFORMATION: Compete the Associate in Arts degree Take HIS 103 (HIST 112A), HIS 104 (HIST 112B), HIS 201 (HIST 200) and HIS 202 (HIST 201). Take FRE, GER or SPN 101/102 (FR/GER/SPAN 101/102) Take PHL 121 (RA 101) and MAT 113 (QR101) or MAT 131 (MATH 150). A second year of foreign language is recommended for those interested in pursuing graduate study.

EIU TRANSFER INFORMATION: Offers a BA degree in History with an International Studies Option

Take HIS 101 (HIS 2560), HIS 102 (HIS 3555), HIS 201 (HIS 2010G), HIS 202 (HIS 2020G), ECO 201 (ECN 2801G), ECO 202 (ECN 2802G), GEO 112 (GEO 1200G), PSC 212 (PLS 2253G). Complete a single foreign language through the second intermediate course: FRE 202 (FLF 2202G), GER 202 (FLG 2202G) or SPN 202 (FLS 2202G) .

ISU TRANSFER INFORMATION: Take HIS 102 (HIS 102), HIS 201 (HIS 135) and HIS 202 (HIS 136). Take PSC 120 (HIS 104A03). FRE 201, GER 201 or SPN 201(through LAN 115) is required. To satisfy the AMALI (Global Studies) graduation requirement, take one of the following courses: ANT 111, 216, GEO 112, HIS 103, 104, 213, HUM 120, PHL 200, 260, PSC 120, 212 or 213. A minor in another discipline is recommended. BA degree students not opting for a minor must choose an area of concentration by taking 9 hours in any field other than history or foreign language.

UIUC Transfer Information

Take HIS 101 (HIST 141), HIS 102 (HIST 142), HIS 201 (HIST 171), HIS 202 (HIST 172), ENG 101/102 (RHET 105). Complete a single foreign language through the 4th level: FRE 202 (FR 104), GER 202 (GER 104) or SPN 202 (SPAN 104).



John A. Logan College

Associate in Arts Degree in International Studies

Transfer Curriculum: 000AA0086
Associate in Arts: 64 Hrs. Min.
Major Code: 1.1 302001
Effective Date: Fall 2019

GENERAL EDUCATION (IAI GECC, 37-38 CREDITS)

The Illinois Articulation Initiative (IAI) General Education Core Curriculum (GECC) requires 12 to 13 courses from the following five areas. Courses selected to meet IAI GECC requirements may also meet course requirements for a specific major.

IAI COMMUNICATIONS (9 HOURS)

	Sem.	Grade
ENG 101 or ENG 113 (C grade or higher)	_____	_____
ENG 102 (C grade or higher)	_____	_____
COM 115 Speech	_____	_____

IAI HUMANITIES AND FINE ARTS (9 HOURS)

At least one course must be an IAI Fine Arts elective and one course must be an IAI Humanities elective.

	Sem.	Grade
Fine Arts Elective (3)	_____	_____
HIS 101 (3) or Humanities Elective	_____	_____
HIS 102 (3) or Humanities or Fine Arts Elective	_____	_____

IAI Fine Arts Electives:

Art: ART 111, 220, 221, 291
Literature: LIT 275
Music: MUS 105, 225
Theater: THE 113

IAI Humanities Electives:

Foreign Language: FRE 202, GER 202, SPN 202
History: HIS 101, 102, 213
Literature: LIT 210, 230, 235, 264, 280, 281, 284, 295
Philosophy: PHL 111, 121, 131, 200, 260

IAI MATHEMATICS (3 HOURS)

	Sem.	Grade
MAT Elective (3)	_____	_____

IAI Mathematics Electives:

MAT 112, MAT 113, MAT 116, MAT 117, MAT 119, MAT 120, MAT 125/CPS 202, MAT 131, MAT 201, MAT 202, MAT 209, MAT 282

IAI SOCIAL AND BEHAVIORAL SCIENCES (9 HOURS)

At least two different disciplines (course prefixes) must be represented.

	Sem.	Grade
ECO 201 (3)	_____	_____
ECO 202 (3)	_____	_____
PSC 212 or PSC 213 (3) or Social Science Elective	_____	_____

IAI Social and Behavioral Sciences Electives:

Anthropology: ANT 111, 202, 216, 240
Economics: ECO 201, 202
Geography: GEO 112
History: HIS 103, 104, 201, 202
Political Science: PSC 131, 211, 212, 213, 289
Psychology: PSY 132, 200, 203, 262
Sociology: SOC 133, 221, 263, 264

IAI PHYSICAL/LIFE SCIENCES (7-8 HOURS)

One course must include a lab component.

	Sem.	Grade
Life Science Elective	_____	_____
Physical Science Elective	_____	_____

IAI Life Science Electives:

Biology: BIO 100, 101, 105, 225
Interdisciplinary: PHS 101 with PHS 111, SCI 210A and SCI 210B
Life Science: SCI 215

IAI Physical Science Electives:

Chemistry: CHM 141, 151
Interdisciplinary: PHS 101 with PHS 111, SCI 210A and SCI 210B
Physical Science: PHS 102, 103, 105, 107
Physics: PHY 121, 155, 205

MAJOR AND GENERAL ELECTIVE REQUIREMENTS (IAI GECC and major/elective credits must total a minimum of 64 hours, of which 24-25 must be general elective credits.)

Consult with the transfer institution to determine if certain courses require a grade of "C" or higher, or if there is a minimum grade point average for admission to your declared major. Please select courses on this guide in accordance with the Articulation Notes for your transfer institution.

Note: Considering the wide variety of degree program options and focus, select courses accordingly with the assistance of an advisor and/or your transfer institution

	Sem.	Grade
Two years single Foreign Language (16) (Select a language through SPN 202, FRE 202 or GER 202).	_____	_____

	Sem.	Grade
ORI 100 (1)	_____	_____
Elective	_____	_____
Elective	_____	_____
Elective	_____	_____
Elective	_____	_____

ARTICULATION NOTES: Consult with the transfer institution to assess if courses require a grade of "C" or higher, or if there is a minimum grade point average for admission consideration into your major.

Take HIS 101 and 102 or HIS 103 and 104. Select two from ANT 111 (or 216), ECO 210 (or 202), GEO 112 and HIS 112. Take foreign language through the second intermediate course (students must demonstrate intermediate level proficiency in a targeted language). Students must take five courses under Global and International Comparative Issues. Select from ANT 202, 216, PSC212 (or 213), SOC 263. Five courses are required from one of the following regions (Africa and Middle East, Asia and South Pacific, Europe or Latin America and the Caribbean). Select HIS 213 if you opt for Asia and the South Pacific. Region.

SIUC: Offers a B.S degree in Languages, Cultures and International Studies. Students would pursue one of four regional specializations (African and Middle Eastern Studies, Asian and South Pacific Studies, European Studies or Latin American and Caribbean Studies).

All course should be selected in consultation with the International Studies advisor. The following Core Courses are recommended not required.

EIU: Offers an International Studies option under Economic, History, Political Science and Business Management. For International Studies in Economics, take ECO 201 and 202. BUS 121, MAT 131 or 117 and MAT 116 or 221. Take foreign language through the second intermediate course (SPN 202, GER 202 or FRE 202). For the International Studies option under Political Science, take PSC 289, 131 and 213 as departmental core courses. Complete a foreign language through the intermediate level (SPN 202, GER 202 or GER 202). Take ECO 201 and 202, HIS 101 and 102 and PSC 211. For the International Studies option under History, take HIS 101, 102, 201 and 202. Take ECO 201 and 202, GEO 112 and PSC 212. Take a single language through the intermediate level (SPN 202, GER 202 or FRE 202).

Other: Some institutions offer degrees in areas such as International Business, Foreign Language and International Trade or a major or minor targeting a specific region (Russian Area Studies, Asian Area Studies, etc.). Consult your academic advisor or transfer institution.



John A. Logan College

Associate in Arts Degree in Mathematics Education

Transfer Curriculum: 000AA0086
Associate of Arts: 63 Hrs. Min.
Major Code: 1.1270101A
Effective Date: Fall 2019

GENERAL EDUCATION (IAI GECC, 37-38 CREDITS)

The Illinois Articulation Initiative (IAI) General Education Core Curriculum (GECC) requires 12 to 13 courses. Courses selected to meet IAI GECC requirements may also meet course requirements for a specific major.

IAI COMMUNICATIONS (3 COURSES)

	Sem.	Grade
ENG 101 or ENG 113 (C grade or higher)	_____	_____
ENG 102 (C grade or higher)	_____	_____
COM 115 Speech	_____	_____

IAI HUMANITIES AND FINE ARTS (2 COURSES)

At least one course must be an IAI Fine Arts elective and one course must be an IAI Humanities elective.

	Sem.	Grade
Fine Arts Elective (3)	_____	_____
Humanities Elective (3)	_____	_____
Fine Arts or Humanities Elective (3)	_____	_____

IAI Fine Arts Electives:

Art: ART 111, 220, 221, 291
Literature: LIT 275
Music: MUS 105, 225
Theater: THE 113

IAI Humanities Electives:

Foreign Language: FRE 202, GER 202, SPN 202
History: HIS 101, 102, 213
Literature: LIT 210, 230, 235, 264, 280, 281, 284, 295
Philosophy: PHL 111, 121, 131, 200, 260

IAI MATHEMATICS (1 COURSE)

	Sem.	Grade
MAT 131 (5)	_____	_____

IAI SOCIAL AND BEHAVIORAL SCIENCES (3 COURSES)

At least two different disciplines (course prefixes) must be represented.

	Sem.	Grade
PSY 132 (3)	_____	_____
Social Science Elective (3)	_____	_____
Social Science Elective (3)	_____	_____

IAI Social and Behavioral Sciences Electives:

Anthropology: ANT 111, 202, 216, 240
Economics: ECO 201, 202
Geography: GEO 112
History: HIS 103, 104, 201, 202
Political Science: PSC 131, 211, 212, 213, 289
Psychology: PSY 132, 200, 203, 262
Sociology: SOC 133, 221, 263, 264

IAI PHYSICAL/LIFE SCIENCES (2 COURSES)

One course must be at least 4 credit hours and include a lab component.

	Sem.	Grade
Life Science Elective	_____	_____
PHY 205 or Physical Science Elective	_____	_____

IAI Life Science Electives:

Biology: BIO 100, 101, 105, 225
Interdisciplinary: PHS 101 with PHS 111, SCI 210A and SCI 210B
Life Science: SCI 215

IAI Physical Science Electives:

Chemistry: CHM 141, 151
Interdisciplinary: PHS 101 with PHS 111, SCI 210A and SCI 210B
Physical Science: PHS 102, 103, 105, 107
Physics: PHY 121, 155, 205

MAJOR AND GENERAL ELECTIVE REQUIREMENTS

(IAI GECC and major/elective credits must total a minimum of 62 hours for the degree. Students should select elective hours that will allow them to complete this 64 hour requirement.) Pre-requisite courses may be required before taking these electives. Consult with the Course Catalog and your advisor

	Sem.	Grade
ORI 100 (1)	_____	_____
MAT 201 (5)	_____	_____
MAT 202 (3) or MAT 205 (3) or Elective	_____	_____
MAT 221 (3)	_____	_____
EDC 202 (3)	_____	_____
EDC 203 (3)	_____	_____
EDC 208 (3) or Elective	_____	_____
One Year Foreign Language or Elective (8)	_____	_____

ARTICULATION NOTES:

Consult with the transfer institution to assess if certain courses require a grade of "C" or higher, or if there is a minimum grade point average for admission to your declared major. Please select courses on this guide in accordance with the Articulation Notes for your transfer institution.

TEACHER EDUCATION PROGRAM: To be considered for admission into a formal Teacher Education Program, qualifying scores on the TAP, ACT plus writing, or SAT must be submitted. Students must earn a grade of "C" or higher in all courses for an endorsement and required in the major. Students must also meet the minimum grade point average required for consideration into the TEP (typically a minimum of 2.5, but may be higher depending on the institution or program option selected). Helpful tips for applying to a Teacher Education Program may be found [here](#):

IAI Mathematics Major Panel Recommendations include: MAT 131 (MTH 901), 201 (MTH 902), 202 (MTH 903), 221 (MTH 911), 205 (MTH 912), PHY 205 (PHY 911) and CPS 206 (CS 911)

SIUC TRANSFER INFORMATION: For the B.S. degree in Mathematics Education under the College of Education and Human Resources, take EDC 202, 203, MAT 131, 201, 202 or 205, 221, CPS 176 or CPS 206.

SIUE TRANSFER INFORMATION: Take MAT 131 (MATH 150), MAT 201 (MATH 152), MAT202 (MATH 250), MAT 221 (MATHE 321), PHY 205 (PHYS 151/151L), EDC 200 (CIED 100), EDC 203 (EPFR 320), EDC 208 (SPE 2000).

EIU TRANSFER INFORMATION: Take MAT 131 (MAT 1441G, 201 (MAT 2442), 202 (MAT 2443), 221 (MAT2550), CPS 206 (CSM 2170), EDC 203 (EDF 2555G). Complete the second semester of a foreign language (SPN 202, GER 202, FRE 202) Note IPP 142 will also meet the requirement. Take an approved IAI Humanities/Fine Arts or Social Science course to meet a culturally diverse course requirement (select from HIS 103, 104, 213, LIT 284, 290, 295, PHL 200, 260, ANT 111, 202, 216, GEO 112, PSC 212, 213, SOC 133, 215 or 264).

ISU TRANSFER INFORMATION: Take MAT 131 (MAT 145), MAT 201 (MAT 146), MAT 202 (MAT 147), MAT 221 (MAT 175), PSY 132 (PSY 110), SPN 102 or GER 102 or FRE 102 (LAN 112 equivalent), EDC 208 (SED 101) and CPS 206 (IT 168). Fulfill the AMALI degree requirement by selecting one course from the following: ANT 111, 216, GEO112, HIS 103, 104, 213, HUM 120, PHL 200, 260, PSC 120, 212 or 213.



John A. Logan College

Associate in Arts Degree in Music

Transfer Curriculum 000AA0086
Associate in Arts: 64 Hrs. Min.
Major Code: 1.1500921A
Effective Date: Fall 2019

GENERAL EDUCATION (IAI GECC, 37-38 CREDITS)

The Illinois Articulation Initiative (IAI) General Education Core Curriculum (GECC) requires 12 to 13 courses. Courses selected to meet IAI GECC requirements may also meet course requirements for a specific major.

IAI COMMUNICATIONS (3 COURSES)

	Sem.	Grade
ENG 101 or ENG 113 (C grade or higher)	_____	_____
ENG 102 (C grade or higher)	_____	_____
COM 115 Speech	_____	_____

IAI HUMANITIES AND FINE ARTS (3 COURSES)

At least one course must be an IAI Fine Arts elective and one course must be an IAI Humanities elective.

	Sem.	Grade
MUS 105	_____	_____
Humanities Elective	_____	_____
Humanities or Fine Arts Elective	_____	_____

IAI Fine Arts Electives:

Art: ART 111, 220, 221, 291
Literature: LIT 275
Music: MUS 105, 225
Theater: THE 113

IAI Humanities Electives:

Foreign Language: FRE 202, GER 202, SPN 202
History: HIS 101, 102, 213
Literature: LIT 210, 230, 235, 264, 280, 281, 284, 295
Philosophy: PHL 111, 121, 131, 200, 260

IAI MATHEMATICS (1 COURSE)

	Sem.	Grade
MAT Elective	_____	_____

IAI Mathematics Electives:
MAT 112, MAT 113, MAT 116, MAT 117, MAT 119, MAT 120,
MAT 125/CPS 202, MAT 131, MAT 201, MAT 202, MAT 282

IAI SOCIAL AND BEHAVIORAL SCIENCES (3 COURSES)

At least two different disciplines (course prefixes) must be represented.

	Sem.	Grade
Social Science Elective	_____	_____
Social Science Elective	_____	_____
Social Science Elective	_____	_____

IAI Social and Behavioral Sciences Electives:

Anthropology: ANT 111, 202, 216, 240
Economics: ECO 201, 202
Geography: GEO 112
History: HIS 103, 104, 201, 202
Political Science: PSC 131, 211, 212, 213, 289
Psychology: PSY 132, 200, 203, 262
Sociology: SOC 133, 221, 263, 264

IAI PHYSICAL/LIFE SCIENCES (2 COURSES)

One course must be at least 4 credit hours and include a lab component.

	Sem.	Grade
Life Science Elective	_____	_____
Physical Science Elective	_____	_____

IAI Life Science Electives:

Biology: BIO 100, 101, 105, 225
Interdisciplinary: PHS 101 with PHS 111, SCI 210A and SCI 210B
Life Science: SCI 215

IAI Physical Science Electives:

Chemistry: CHM 141, 151
Interdisciplinary: PHS 101 with PHS 111, SCI 210A and SCI 210B
Physical Science: PHS 102, 103, 105, 107
Physics: PHY 121, 155, 205

MAJOR AND GENERAL ELECTIVE REQUIREMENTS (IAI GECC and major/elective credits must total a minimum of 64 hours for the degree.) 27 credits minimum.

Aural Skills, *Theory:

	Sem.	Grade
ORI 100 (1)	_____	_____
MUS 108 (1)	_____	_____
MUS 109 (1)	_____	_____
MUS 121 (3)	_____	_____
MUS 122 (3)	_____	_____
MUS 208 (1)	_____	_____
MUS 209 (1)	_____	_____
MUS 221 (3)	_____	_____
MUS 222 (3)	_____	_____

*Music Majors take an evaluation exam during the first full week of MUS 121. Those needing remediation are required to take MUS 110 concurrently with MUS 121.

Ensemble:

	Sem.	Grade
ORI 100 (1)	_____	_____
MUS 101A or 102A (1)	_____	_____
MUS 101A or 102A (1)	_____	_____
MUS 101A or 102A (1)	_____	_____
MUS 101A or 102A (1)	_____	_____

Applied Music Instruction (Piano)

	Sem.	Grade
ORI 100 (1)	_____	_____
MUS 106 (1)	_____	_____
MUS 111B (1)	_____	_____
MUS 111B (1)	_____	_____
MUS 111B (1)	_____	_____
MUS 225 or Elective (3)	_____	_____

ARTICULATION NOTES:

Consult with the transfer institution to assess if certain courses require a grade of "C" or higher, or if there is a minimum grade point average for admission to your declared major. **Please select courses on this guide in accordance with the transfer requirements for your transfer institution. This guide does not require the two-credit Applied Lessons per semester that are required by many transfer institutions and by other JALC AFA Music Guides.**

SIUC TRANSFER INFORMATION: Students planning to major in Music Business should select two courses from ANT 111, ANT 216, ART 220, ART 221, ART 223, GEO 112, GEO 215, HIS 101, HIS 102, HIS 103, HIS 104, HIS 112, HIS 213, PHL 200, PSC 212, PSC 289, and/or SOC 263 to satisfy the International Coursework requirement in the College of Liberal Arts. The College of Liberal Arts also requires two semesters of the same foreign language. IPP 141 and 142 may be used to satisfy the language requirement.

ISU TRANSFER INFORMATION: Students should select one course from ANT 111, ANT 216, GEO 112, HIS 103, HIS 104, HUM 120, PHL 200, PHL 260, PSC 120, or PSC 212 to satisfy the Global Studies requirement for all majors.



John A. Logan College

Associate in Arts Degree in Physical Education/Kinesiology Teacher Education

Transfer Curriculum 000AA0086
Associate in Arts: 63 Hrs.
Major Code: 1.131314
Effective Date: Fall 2019

GENERAL EDUCATION (IAI GECC, 31-32 CREDITS)

The Illinois Articulation Initiative (IAI) General Education Core Curriculum (GECC) requires 12 to 13 courses from the following five areas. Courses selected to meet IAI GECC requirements may also meet course requirements for a specific major.

IAI COMMUNICATIONS (3 COURSES)

	Sem.	Grade
ENG 101 or ENG 113 (C grade or higher)	_____	_____
ENG 102 (C grade or higher)	_____	_____
COM 115 Speech	_____	_____

IAI HUMANITIES AND FINE ARTS (3 COURSES)

At least one course must be an IAI Fine Arts elective and one course must be an IAI Humanities elective.

	Sem.	Grade
Fine Arts Elective	_____	_____
Humanities Elective	_____	_____
Fine Arts or Humanities Elective	_____	_____

IAI Fine Arts Electives:

Art: ART 111, 220, 221, 291

Literature: LIT 275

Music: MUS 105, 225

Theater: THE 113

IAI Humanities Electives:

Foreign Language: FRE 202, GER 202, SPN 202

History: HIS 101, 102, 213

Literature: LIT 210, 230, 235, 264, 280, 281, 284, 295

Philosophy: PHL 111, 121, 131, 200, 260

IAI MATHEMATICS (1 COURSE)

	Sem.	Grade
Math Elective	_____	_____

IAI Mathematics Electives:

MAT 112, MAT 113, MAT 116, MAT 117, MAT 119, MAT 120, MAT 125/CPS 202, MAT 131, MAT 201, MAT 202, MAT 282

IAI SOCIAL AND BEHAVIORAL SCIENCES (3 COURSES)

At least two different disciplines (course prefixes) must be represented.

	Sem.	Grade
PSC 132 or Social Science Elective	_____	_____
Social Science Elective	_____	_____
Social Science Elective	_____	_____

IAI Social and Behavioral Sciences Electives:

Anthropology: ANT 111, 202, 216, 240

Economics: ECO 201, 202

Geography: GEO 112

History: HIS 103, 104, 201, 202

Political Science: PSC 131, 211, 212, 213, 289

Psychology: PSY 132, 200, 203, 262

Sociology: SOC 133, 221, 263, 264

IAI PHYSICAL/LIFE SCIENCES (2 COURSES)

One course must be at least 4 credit hours and include a lab component.

	Sem.	Grade
Life Science Elective	_____	_____
Physical Science Elective	_____	_____

IAI Life Science Electives:

Biology: BIO 100, 101, 105, 225

Interdisciplinary: PHS 101 with PHS 111, SCI 210A and SCI 210B

Life Science: SCI 215

IAI Physical Science Electives:

Chemistry: CHM 141, 151

Interdisciplinary: PHS 101 with PHS 111, SCI 210A and SCI 210B

Physical Science: PHS 102,103,105,107

Physics: PHY 121, 155, 205

MAJOR AND GENERAL ELECTIVE REQUIREMENTS (IAI GECC and major/elective credits **must total a minimum of 32 hours** for the degree. Students should select elective hours that will allow them to complete this 62 hour requirement.) **Pre-requisite courses may be required before taking these electives. Consult with the Course Catalog and your advisor.**

	Sem.	Grade
ORI 100 (1)	_____	_____
BIO 105 or Elective	_____	_____
EDC 202 or Elective	_____	_____
EDC 203 or Elective	_____	_____
Elective	_____	_____
Elective	_____	_____
Elective	_____	_____
Elective	_____	_____
Elective	_____	_____
Elective	_____	_____
Elective	_____	_____
Elective	_____	_____
Elective	_____	_____
Elective	_____	_____

ARTICULATION NOTES: Consult with the transfer institution to assess if certain courses requires a grade of "C" or higher, or if there is a minimum grade point average for admission to your declared major. Please select courses on this guide in accordance with the Articulation Notes for your transfer institution.

TEACHER EDUCATION PROGRAM: To be considered for admission into a formal Teacher Education Program, qualifying scores on the TAP, ACT plus writing, or SAT must be submitted. Students must earn a grade of "C" or higher in all courses for an endorsement and required in the major. Students must also meet the minimum grade point average required for consideration into the TEP (typically a minimum of 2.5, but may be higher depending on the institution or program option selected). Helpful tips for applying to a Teacher Education Program may be found here:

https://www.jalc.edu/files/uploads/global/catalog/pdfs/tips_for_ed_majors.pdf

SIUC TRANSFER INFORMATION: EDC 202, 203, BIO 105 or 205, and PSY 132 are required. It is recommended that students complete a minor in coaching.

SIUE TRANSFER INFORMATION: The teacher education option in Physical Education for secondary education is no longer offered.

EIU TRANSFER INFORMATION: PSC 131, BIO 205, HTH 118, and EDC 203 are required.

ISU TRANSFER INFORMATION: PSY 132, PHY 121, or 155, BIO 205, and 206 are recommended courses. Students should select one course from ANT 111, ANT 216, GEO 112, HIS 103, HIS 104, HUM 120, PHL 200, PHL 260, PSC 120, or PSC 212 to satisfy the Global Studies requirement for all majors.



John A. Logan College

Associate in Arts Degree in Political Science

Transfer Curriculum 000AA0086
Associate in Arts: 64 Hrs.
Major Code: 1.1451001A
Effective Date: Fall 2019

GENERAL EDUCATION (IAI GECC, 37-38 CREDITS)

The Illinois Articulation Initiative (IAI) General Education Core Curriculum (GECC) requires 12 to 13 courses. Courses selected to meet IAI GECC requirements may also meet course requirements for a specific major.

IAI COMMUNICATIONS (3 COURSES)

	Sem.	Grade
ENG 101 or ENG 113 (C grade or higher)	_____	_____
ENG 102 (C grade or higher)	_____	_____
COM 115 Speech	_____	_____

IAI HUMANITIES AND FINE ARTS (3 COURSES)

At least one course must be an IAI Fine Arts elective and one course must be an IAI Humanities elective.

	Sem.	Grade
Fine Arts Elective	_____	_____
Humanities Elective	_____	_____
Humanities or Fine Arts Elective	_____	_____

IAI Fine Arts Electives:

Art: ART 111, 220, 221, 291
Literature: LIT 275
Music: MUS 105, 225
Theater: THE 113

IAI Humanities Electives:

Foreign Language: FRE 202, GER 202, SPN 202
History: HIS 101, 102, 213
Literature: LIT 210, 230, 235, 264, 280, 281, 284, 295
Philosophy: PHL 111, 121, 131, 200, 260

IAI MATHEMATICS (1 COURSE)

	Sem.	Grade
Math Elective	_____	_____

IAI Mathematics Electives:

MAT 112, MAT 113, MAT 116, MAT 117, MAT 119, MAT 120, MAT 125/CPS 202, MAT 131, MAT 201, MAT 202, MAT 282

IAI SOCIAL AND BEHAVIORAL SCIENCES (3 COURSES)

At least two different disciplines (course prefixes) must be represented.

	Sem.	Grade
PSC 131	_____	_____
Social Science Elective	_____	_____
Social Science Elective	_____	_____

IAI Social and Behavioral Sciences Electives:

Anthropology: ANT 111, 202, 216, 240
Economics: ECO 201, 202
Geography: GEO 112
History: HIS 103, 104, 201, 202
Political Science: PSC 131, 211, 212, 213, 289
Psychology: PSY 132, 200, 203, 262
Sociology: SOC 133, 221, 263, 264

IAI PHYSICAL/LIFE SCIENCES (2 COURSES)

One course must be at least 4 credit hours and include a lab component.

	Sem.	Grade
Life Science Elective	_____	_____
Physical Science Elective	_____	_____

IAI Life Science Electives:

Biology: BIO 100, 101, 105, 225
Interdisciplinary: PHS 101 with PHS 111, SCI 210A and SCI 210B
Life Science: SCI 215

IAI Physical Science Electives:

Chemistry: CHM 141, 151
Interdisciplinary: PHS 101 with PHS 111, SCI 210A and SCI 210B
Physical Science: PHS 102, 103, 105, 107
Physics: PHY 121, 155, 205

MAJOR AND GENERAL ELECTIVE REQUIREMENTS (IAI GECC and major/elective credits must total a minimum of 64 hours for the degree).

Consult with the transfer institution to determine if certain courses require a grade of "C" or higher, or if there is a minimum grade point average for admission to your declared major. Please select courses on this guide in accordance with the Articulation Notes for your transfer institution.

	Sem.	Grade
ORI 100 (1)	_____	_____
PSC 211 or Elective	_____	_____
PSC 212 or Elective	_____	_____
PSC 213 or Elective	_____	_____
PSC 289 or Elective	_____	_____
Foreign Language I or Elective	_____	_____
Foreign Language II or Elective	_____	_____
Elective	_____	_____
Elective	_____	_____
Elective	_____	_____

ARTICULATION NOTES: This guide follows the recommendations for the IAI Major Panel.

SIUC TRANSFER INFORMATION: PSC 131, 212, and 289 are required for the major. PSC 212 and 289 will also satisfy the International Coursework requirement in Liberal Arts. Two semesters of the same foreign language are also required. IPP 141 and 142 may be used to satisfy the language requirement. The major offers specializations in Pre-Law, Public Service and International Relations.

SIUE TRANSFER INFORMATION: Students must complete three credits from four of the six Political Science subfields. PSC 211 or 215 will satisfy the American Government and Politics subfield, and PSC 212 will satisfy the International Relations subfield.

EIU TRANSFER INFORMATION: PSC 131, 211, 212 and 289 are required. Two semesters of the same foreign language are required (two years of a single language in high school with a grade of "C" or higher will also satisfy this requirement). The International Studies Option also requires HIS 101, 102, ECO 201, and 202, as well as proficiency in foreign language demonstrated by completing a course at the intermediate level or passing a language proficiency test.

ISU TRANSFER INFORMATION: PSC 131 and 212 are required. MAT 113 is recommended. PSC 211 and 215 are required for the American Politics concentration. The B.S. Degree Requires two semesters of the same language (three years of the same language in high school with a grade of "C" or higher will satisfy this requirement). The B.A. Degree requires three semesters of the same foreign language. IPP 141 and 142 may be used to satisfy the language requirement. Students should select one course from ANT 111, ANT 216, GEO 112, HIS 103, HIS 104, HUM 120, PHL 200, PHL 260, PSC 120, or PSC 212 to satisfy the global Studies requirement for all majors.



John A. Logan College

Associate in Arts Degree in Pre-Law

Transfer Curriculum 000AA0086
Associate in Arts: 63 Hrs.
Major Code: 1.1220001A
Effective Date: Fall 2019

GENERAL EDUCATION (IAI GECC, 37-38 CREDITS)

The Illinois Articulation Initiative (IAI) General Education Core Curriculum (GECC) requires 12 to 13 courses. Courses selected to meet IAI GECC requirements may also meet course requirements for a specific major.

IAI COMMUNICATIONS (3 COURSES)

	Sem.	Grade
ENG 101 or ENG 113 (C grade or higher)	_____	_____
ENG 102 (C grade or higher)	_____	_____
COM 115 Speech	_____	_____

IAI HUMANITIES AND FINE ARTS (3 COURSES)

At least one course must be an IAI Fine Arts elective and one course must be an IAI Humanities elective.

	Sem.	Grade
Fine Arts Elective	_____	_____
PHL 121 or Humanities Elective	_____	_____
Humanities or Fine Arts Elective	_____	_____

IAI Fine Arts Electives:

Art: ART 111, 220, 221, 291
Literature: LIT 275
Music: MUS 105, 225
Theater: THE 113

IAI Humanities Electives:

Foreign Language: FRE 202, GER 202, SPN 202
History: HIS 101, 102, 213
Literature: LIT 210, 230, 235, 264, 280, 281, 284, 295
Philosophy: PHL 111, 121, 131, 200, 260

IAI MATHEMATICS (1 COURSE)

	Sem.	Grade
Math Elective	_____	_____

IAI Mathematics Electives:

MAT 112, MAT 113, MAT 116, MAT 117, MAT 119, MAT 120, MAT 125/CPS 202, MAT 131, MAT 201, MAT 202, MAT 282

IAI SOCIAL AND BEHAVIORAL SCIENCES (3 COURSES)

At least two different disciplines (course prefixes) must be represented.

	Sem.	Grade
PSC 131 or Social Science Elective	_____	_____
PSC 212 or Social Science Elective	_____	_____
Social Science Elective	_____	_____

IAI Social and Behavioral Sciences Electives:

Anthropology: ANT 111, 202, 216, 240
Economics: ECO 201, 202
Geography: GEO 112
History: HIS 103, 104, 201, 202
Political Science: PSC 131, 211, 212, 213, 289
Psychology: PSY 132, 200, 203, 262
Sociology: SOC 133, 221, 263, 264

IAI PHYSICAL/LIFE SCIENCES (2 COURSES)

One course must be at least 4 credit hours and include a lab component.

	Sem.	Grade
Life Science Elective	_____	_____
Physical Science Elective	_____	_____

IAI Life Science Electives:

Biology: BIO 100, 101, 105, 225
Interdisciplinary: PHS 101 with PHS 111, SCI 210A and SCI 210B
Life Science: SCI 215

IAI Physical Science Electives:

Chemistry: CHM 141, 151
Interdisciplinary: PHS 101 with PHS 111, SCI 210A and SCI 210B
Physical Science: PHS 102, 103, 105, 107
Physics: PHY 121, 155, 205

MAJOR AND GENERAL ELECTIVE REQUIREMENTS (IAI GECC and major/elective credits must total a minimum of 62 hours.)

Consult with the transfer institution to determine if certain courses require a grade of "C" or higher, or if there is a minimum grade point average for admission to your declared major. Please select courses on this guide in accordance with the Articulation Notes for your transfer institution.

	Sem.	Grade
ORI 100 (1)	_____	_____
PSC 220 or Elective	_____	_____
Foreign Language I or Elective	_____	_____
Foreign Language II or Elective	_____	_____
Elective	_____	_____
Elective	_____	_____
Elective	_____	_____
Elective	_____	_____

SIUC TRANSFER TRANSFERINFORMATION: Students must select a major, typically in the College of Liberal Arts, when they transfer. Students should select two courses from ANT 111, ANT 216, ART 220, ART 221, ART 223, ECO 150I, GEO112, GEO 215, HIS 101, HIS 102, HIS 103, HIS 104, HIS 112, HIS 213, PHL 200, PSC 212, PSC 289, and/or SOC 263 to satisfy the International Coursework requirement in the College of Liberal Arts. The College of Liberal Arts also requires two semesters of the same foreign language. IPP 141 and 142 maybe used to satisfy the language requirement.

ISU TRANSFER INFORMATION: Students should select one course from ANT111, ANT 216, GEO 112, HIS 103, HIS 104, HUM 120, PHL 200, PHL 260, PSC 120, or PSC 212 to satisfy the Global Studies requirement for all majors.



John A. Logan College

Associate in Arts Degree in Psychology

Transfer Curriculum 000AA0086

Associate in Arts: 64 Hrs.

Major Code: 1.1420101

Effective Date: Fall 2019

GENERAL EDUCATION (IAI GECC, 37-38 CREDITS)

The Illinois Articulation Initiative (IAI) General Education Core Curriculum (GECC) requires 12 to 13 courses. Courses selected to meet IAI GECC requirements may also meet course requirements for a specific major.

IAI COMMUNICATIONS (3 COURSES)

	Sem.	Grade
ENG 101 or ENG 113 (C grade or higher)	_____	_____
ENG 102 (C grade or higher)	_____	_____
COM 115 Speech	_____	_____

IAI HUMANITIES AND FINE ARTS (3 COURSES)

At least one course must be an IAI Fine Arts elective and one course must be an IAI Humanities elective.

	Sem.	Grade
Fine Arts Elective	_____	_____
PHL 121 or Humanities Elective	_____	_____
Humanities or Fine Arts Elective	_____	_____

IAI Fine Arts Electives:

Art: ART 111, 220, 221, 291

Literature: LIT 275

Music: MUS 105, 225

Theater: THE 113

IAI Humanities Electives:

Foreign Language: FRE 202, GER 202, SPN 202

History: HIS 101, 102, 213

Literature: LIT 210, 230, 235, 264, 280, 281, 284, 295

Philosophy: PHL 111, 121, 131, 200, 260

IAI MATHEMATICS (1 COURSE)

	Sem.	Grade
MAT 119 or MAT 120 or 282	_____	_____

IAI SOCIAL AND BEHAVIORAL SCIENCES (3 COURSES)

At least two different disciplines (course prefixes) must be represented.

	Sem.	Grade
PSY 132 (Recommended in the first semester)	_____	_____
Social Science Elective	_____	_____
Social Science Elective	_____	_____

IAI Social and Behavioral Sciences Electives:

Anthropology: ANT 111, 202, 216, 240

Economics: ECO 201, 202

Geography: GEO 112

History: HIS 103, 104, 201, 202

Political Science: PSC 131, 211, 212, 213, 289

Psychology: PSY 132, 200, 203, 262

Sociology: SOC 133, 221, 263, 264

IAI PHYSICAL/LIFE SCIENCES (2 COURSES)

One course must be at least 4 credit hours and one must include a lab component.

	Sem.	Grade
Life Science Elective	_____	_____
Physical Science Elective	_____	_____

IAI Life Science Electives:

Biology: BIO 100, 101, 105, 225

Interdisciplinary: PHS 101 with PHS 111, SCI 210A and SCI 210B

Life Science: SCI 215

IAI Physical Science Electives:

Chemistry: CHM 141, 151

Interdisciplinary: PHS 101 with PHS 111, SCI 210A and SCI 210B

Physical Science: PHS 102, 103, 105, 107

Physics: PHY 121, 155, 205

MAJOR AND GENERAL ELECTIVE REQUIREMENTS-27 Hours (IAI GECC and major/elective credits must total 64 hours for the degree.)

Please select courses on this guide in accordance with the Articulation Notes.

	Sem.	Grade
ORI 100 (1)	_____	_____
PSY 200-offered in spring only	_____	_____
PSY 270-offered in fall only	_____	_____
PSY 203 or Elective (PSY 203-offered in spring only)	_____	_____
PSY 262 or Elective	_____	_____
PSY 285 or Elective (PSY 285-offered in fall only)	_____	_____
Foreign Language (6-8)	_____	_____
MAT 108, 111, 112, 113, or 131 or Elective	_____	_____

ARTICULATION NOTES: Consult with the transfer institution to assess if certain courses require a grade of "C" or higher, or if there is a minimum grade point average for admission to your declared major. **Students planning to transfer to other four-year universities should follow the recommendations/requirements outlined in that college's course catalog. Course equivalencies may be found on the college's website or the Transferology website at www.itransfer.org, following the links under Transfer Credit Beyond IAI.**

IAI PSYCHOLOGY MAJOR PANEL: Take PSY 132 (\$6 900) as IAI GECC credit. Take PSY 200 (IAI PSY 908) and PSY 270 (IAI PSY 905) as IAI Core Course requirements. Additional recommendations include PSY 262 (IAI \$6 903) and PSY 203 (IAI \$6 904). Take MAT 120 or 282 (IAI M1 902). MAT 116 and/or 131 are recommendations in addition to the MAT 120 or 282.

SIUC TRANSFER INFORMATION: Take ENG 113 with ENG 101 and 102. ENG 113 will then equate to ENG 291 at SIUC. Take two course from the following list to meet the International Coursework requirement (ART 220, 223, ANT 111, 216, GEO 112, HIS 03, 104, 213, PSC 213, 289 or SOC 263). Complete on year of a single foreign language (FRE 102, GER 102 or SPN 102). For Psychology Electives, in Group A, take 4 courses from PSY262 (PSYC 301), PSY 203 (PSYC 303), PSY 285 (PSYC 305), PSY 200 (PSYC 307) or PSY 270 (PSYC 331). In Group D, take MAT 120 or MAT 282 (MATH 282). MAT 120 or 282 will meet the IAI GECC MAT requirement.

A Parent Training Specialization is also available under the Psychology Major.

--SIUC Policy allows for the acceptance of up to 78 articulated credits to transfer into SIUC from JALC. These articulated credits should be applicable toward fulfilling the 120 credits required for the B.A. degree in Psychology.

SIUE TRANSFER INFORMATION: Complete Associate in Arts degree requirements prior to transfer. SIU-E offers both a BA and BS degree in Psychology.

Take PSY 132 (PSYC 111). Complete one year (two courses) in a single foreign language (FRE 101/102, GER 101/102 or SPN 101/102). Take PHL 121 (RA 101). Take PSY 262 (PSYC 201) or PSY 203 (PSYC 203). Take PSY 200 (PSYC 206). Take MAT 113 (QR 113) or MAT 131 (MATH 131).

EIU TRANSFER INFORMATION: Complete Associate in Arts degree prior to transfer.

Take PSY 132 (PSY 1879G). Complete the second semester of a single foreign language (FRE 102, GER 102 or SPN 102) as a graduation requirement. Take MAT 108 ((MAT 1271) or higher. From Group A, Abnormal/ Social Group, take two from: PSY 205 (PSY 2590), PSY 270 (PSY 3780) or PSY 200 (PSY 3870). From Group D, Developmental Group, take one from: PSY 262 (PSY 3515) or PSY 203 (PSY 3521). Select six hours of Psychology Electives from courses not selected from Groups A and D.

ISU TRANSFER INFORMATION: Complete the Associate in Arts degree before transferring.

Select one MAT course from: MAT 116 (MAT120), MAT 117 (MAT 121), MAT 111 (MAT 144) or MAT 131 (MAT 145). Take PHL 131 (PHI 101). Take PSY 132 (PSY 111), PSY 200 (PSY 223) and PSY 205 (PSY 233). In the IAI GECC Physical Science and Life Sciences areas, Psychology majors must complete two laboratory courses. A Biology course with a lab is especially recommended for all degrees under the College of Arts and Sciences. For the BA in Psychology, successful completion of the third course in a single foreign language is required (FRE 201, GER 201 or SPN 20). Take one course to complete the AMALI graduation requirement: ANT 111, 216, GEO 112, HIS 103, 104, 213, HUM 120, PHL 200, 260, PSC 120, 212 or 213.

UIUC

Complete the fourth level of a single foreign language prior to transfer (FRE 202, GER 202 or SPN 202). Take PSY 132 (PSYC 100), ENG 101 and 102 (RHET 105) and MAT 282 or 120 (STAT 100). Complete three of the following: PSY 200 (PSYC 201), PSY 262 (PSYC 216), PSY 270 (PSYC 238) or PSY 285 (PSYC 250).



John A. Logan College

Associate in Arts Degree in Social Work

Transfer Curriculum 000AA0086
Associate in Arts: 63 Hrs.
Major Code: 1.1440701
Effective Date: Fall 2019

GENERAL EDUCATION (IAI GECC, 37-38 CREDITS)

The Illinois Articulation Initiative (IAI) General Education Core Curriculum (GECC) requires 12 to 13 courses. Courses selected to meet IAI GECC requirements may also meet course requirements for a specific major.

IAI COMMUNICATIONS (3 COURSES)

	Sem.	Grade
ENG 101 or ENG 113 (C grade or higher)	_____	_____
ENG 102 (C grade or higher)	_____	_____
COM 115 Speech	_____	_____

IAI HUMANITIES AND FINE ARTS (3 COURSES)

At least one course must be an IAI Fine Arts elective and one course must be an IAI Humanities elective.

	Sem.	Grade
Fine Arts Elective	_____	_____
Humanities Elective	_____	_____
Humanities or Fine Arts Elective	_____	_____

IAI Fine Arts Electives:

Art: ART 111, 220, 221, 291
Literature: LIT 275
Music: MUS 105, 225
Theater: THE 113

IAI Humanities Electives:

Foreign Language: FRE 202, GER 202, SPN 202
History: HIS 101, 102, 213
Literature: LIT 210, 230, 235, 264, 280, 281, 284, 295
Philosophy: PHL 111, 121, 131, 200, 260

IAI MATHEMATICS (1 COURSE)

	Sem.	Grade
MAT 120, 282, or Math Elective	_____	_____

IAI Mathematics Electives:

MAT 112, MAT 113, MAT 116, MAT 117, MAT 119, MAT 120, MAT 125/CPS 202, MAT 131, MAT 201, MAT 202, MAT 282

IAI SOCIAL AND BEHAVIORAL SCIENCES (3 COURSES)

At least two different disciplines (course prefixes) must be represented.

	Sem.	Grade
PSC 131 or Social Science Elective	_____	_____
PSY 132 or Social Science Elective	_____	_____
ECO 201, 202, or Social Science Elective	_____	_____

IAI Social and Behavioral Sciences Electives:

Anthropology: ANT 111, 202, 216, 240
Economics: ECO 201, 202
Geography: GEO 112
History: HIS 103, 104, 201, 202
Political Science: PSC 131, 211, 212, 213, 289
Psychology: PSY 132, 200, 203, 262
Sociology: SOC 133, 221, 263, 264

IAI PHYSICAL/LIFE SCIENCES (2 COURSES)

One course must be at least 4 credit hours and include a lab component.

	Sem.	Grade
BIO 100 or BIO 101	_____	_____
Physical Science Elective	_____	_____

IAI Life Science Electives:

Biology: BIO 100, 101, 105, 225
Interdisciplinary: PHS 101 with PHS 111, SCI 210A and SCI 210B
Life Science: SCI 215

IAI Physical Science Electives:

Chemistry: CHM 141, 151
Interdisciplinary: PHS 101 with PHS 111, SCI 210A and SCI 210B
Physical Science: PHS 102, 103, 105, 107
Physics: PHY 121, 155, 205

MAJOR AND GENERAL ELECTIVE REQUIREMENTS (IAI GECC and major/elective credits must total a minimum of 62 hours for the degree).

Consult with the transfer institution to determine if certain courses require a grade of "C" or higher, or if there is a minimum grade point average for admission to your declared major. Please select courses on this guide in accordance with the Articulation Notes for your transfer institution.

	Sem.	Grade
ORI 100 (1)	_____	_____
SOCW 275	_____	_____
SOC 133 or Elective	_____	_____
ANT 240 or Elective	_____	_____
Foreign Language or Electives	_____	_____
Elective	_____	_____
Elective	_____	_____
Elective	_____	_____
Elective	_____	_____

ARTICULATION NOTES: Consult with the transfer institution to assess if certain courses require a grade of "C" or higher or if there is a minimum grade point average of admission into desired major. Prior to transfer, complete the Associate in Arts with as many of the posted courses required at your transfer institution.

SIUC TRANSFER INFORMATION: For the BSW degree under the College of Education and Human Resources, take ANT 240 (ANTHR 240A), BIO 100 or 101 (PLB 115), SOC 133 (SOC 108), PSC 131 (POLS 114), PSY 132 (PSYC 102), ECO 240 (ECON 113 or 114), SOCW 275 (SOCW 275). Take an introductory statistics course (MAT 120 or 282 or BUS 121). General Electives (21 credits) may be used to pursue a minor in a field related to Social Work.

SIUE TRANSFER INFORMATION: Take BIO 100 (BIOL 111), ENG 101 or 113 (ENG 101), PSY 132 (PSYC 111), SPE 115 (ACS 101), MAT 113 OR 131 (QR 101 or MATH 150), ANT 216 (ANTH 111B), ENG 102 (SNG 102), PHL 121 (RA 101), PSC 131 (POLS 112), HIS 202 (HIST 201), PSY 200 (PSYC 206), SPN, GER or FRE 101 (Foreign Language 101), and PHL 111 or 131 or 200 or 260 (PHIL BHUM course).

ISU TRANSFER INFORMATION: Take SOCW 275 (SWK 170), one Human-Biology BIO 100 or 101 (BSC 101), one statistics course-MAT 282 or 120 (ECO 138) or BUS 121 (MQM 100), one Sociology course- SOC 133 (SOC 108), two Psychology courses-PSY 132 (PSY 110), PSY 270 (PSY 350 or similar course), one Economics course-ECO 240 or 241 (microeconomics or macroeconomics equivalent), one Political Science course-PSC 131 (POL106) and SPN 201 or GER 201 or FRE 201 (an equivalent to LAN 115). To satisfy the AMALI (former Global Studies) degree requirement, select one course from ANT 111, 216, GEO 112, HIS 101,104, 213, HUM 120, PHL 200, 260, PSC 120, 212 or 213

For admission into the BSW, a minimum of 25 hours of pre-approved volunteer or paid work experience in a social agency within the last two years is required. A grade of "C" or better is required in all courses required for the major including pre-requisites.



John A. Logan College

Associate in Arts Degree in Sociology

Transfer Curriculum 000AA0086
Associate in Arts: 64 Hrs.
Major Code: 1.1451101
Effective Date: Fall 2019

GENERAL EDUCATION (IAI GECC, 37-38 CREDITS)

The Illinois Articulation Initiative (IAI) General Education Core Curriculum (GECC) requires 12 to 13 courses. Courses selected to meet IAI GECC requirements may also meet course requirements for a specific major.

IAI COMMUNICATIONS (3 COURSES)

	Sem.	Grade
ENG 101 or ENG 113 (C grade or higher)	_____	_____
ENG 102 (C grade or higher)	_____	_____
COM 115 Speech	_____	_____

IAI HUMANITIES AND FINE ARTS (3 COURSES)

At least one course must be an IAI Fine Arts elective and one course must be an IAI Humanities elective.

	Sem.	Grade
Fine Arts Elective	_____	_____
Humanities Elective	_____	_____
Humanities or Fine Arts Elective	_____	_____

IAI Fine Arts Electives:

Art: ART 111, 220, 221, 291
Literature: LIT 275
Music: MUS 105, 225
Theater: THE 113

IAI Humanities Electives:

Foreign Language: FRE 202, GER 202, SPN 202
History: HIS 101, 102, 213
Literature: LIT 210, 230, 235, 264, 280, 281, 284, 295
Philosophy: PHL 111, 121, 131, 200, 260

IAI MATHEMATICS (1 COURSE)

	Sem.	Grade
MAT 120, 116, or Math Elective	_____	_____

IAI Mathematics Electives:

MAT 112, MAT 113, MAT 116, MAT 117, MAT 119, MAT 120, MAT 125/CPS 202, MAT 131, MAT 201, MAT 202, MAT 282

IAI SOCIAL AND BEHAVIORAL SCIENCES (3 COURSES)

At least two different disciplines (course prefixes) must be represented.

	Sem.	Grade
SOC 133	_____	_____
ANT 111, 216, or Elective	_____	_____
Social Science Elective	_____	_____

IAI Social and Behavioral Sciences Electives:

Anthropology: ANT 111, 202, 216, 240
Economics: ECO 201, 202
Geography: GEO 112
History: HIS 103, 104, 201, 202
Political Science: PSC 131, 211, 212, 213, 289
Psychology: PSY 132, 200, 203, 262
Sociology: SOC 133, 221, 263, 264

IAI PHYSICAL/LIFE SCIENCES (2 COURSES)

One course must be at least 4 credit hours and include a lab component.

	Sem.	Grade
Life Science Elective	_____	_____
Physical Science Elective	_____	_____

IAI Life Science Electives:

Biology: BIO 100, 101, 105, 225
Interdisciplinary: PHS 101 with PHS 111, SCI 210A and SCI 210B
Life Science: SCI 215

IAI Physical Science Electives:

Chemistry: CHM 141, 151
Interdisciplinary: PHS 101 with PHS 111, SCI 210A and SCI 210B
Physical Science: PHS 102, 103, 105, 107
Physics: PHY 121, 155, 205

MAJOR AND GENERAL ELECTIVE REQUIREMENTS (IAI GECC and major/elective credits must total a minimum of 64 hours for the degree.)

Consult with the transfer institution to determine if certain courses require a grade of "C" or higher, or if there is a minimum grade point average for admission to your declared major. Please select courses on this guide in accordance with the Articulation Notes for your transfer institution.

	Sem.	Grade
ORI 100 (1)	_____	_____
SOC 221 or Elective	_____	_____
SOC 263 or Elective	_____	_____
SOC 264 or Elective	_____	_____
Foreign Language I or Elective	_____	_____
Foreign Language II or Elective	_____	_____
Elective	_____	_____
Elective	_____	_____

ARTICULATION NOTES: Consult the transfer institution for specific requirements.

IAI SOCIOLOGY MAJOR INFORMATION: SOC 133, 215, 263, and 264 are recommended courses for the IAI major panel.

SIUC TRANSFER INFORMATION: SOC 133 is required. SOC 263 will count as a 300 level major course for the degree. Students should select two courses from ANT 111, ANT 216, ART 220, ART 221, ART 223, ECO 150I, GEO 112, GEO 215, HIS 101, HIS 102, HIS 103, HIS 104, HIS 112, HIS 213, PHL 200, PSC 212, PSC 289, and/or SOC 263 to satisfy the International Coursework requirement in the College of Liberal Arts. Two semesters of the same foreign language are also required, IPP 141 and 142 may be used to satisfy this requirement.

SIUE TRANSFER INFORMATION: SOC 133 is required. Students may select two courses from SOC 221, 263 and 264 to count as required elective hours for the major. A grade of "C" or higher is required in all transfer sociology courses. PHL 121 is recommended. Two semesters of the same foreign language is only required for the B.A. degree. The B.S. degree does not require foreign language. A specialization in Employee Relations is also offered.

EIU TRANSFER INFORMATION: SOC 133 and ANT 111 or 216 are required. Approved sociology electives include SOC 221, 263, SOCW 275, and CRJ 103. Two semesters of the same foreign language are required (two years of a single language in high school with a grade of "C" or higher will also satisfy this requirement).

ISU TRANSFER INFORMATION: SOC 133 and 264 are required. Approved electives include SOC 221 and 263. Two courses from ANT 111, 202, 216, and 240 are also required. HUM 152 will count as a major elective. For the B.S. degree, two semesters of the same foreign language are required (three years of the same language in high school with a grade of "C" or higher will satisfy this requirement). The B.A. degree requires three semesters of the same foreign language. Students should select one course from ANT 111, ANT 216, GEO 112, HIS 103, HIS 104, HUM 120, PHL 200, PHL 260, PSC 120, or PSC 212 to satisfy the Global Studies requirement for all majors.



John A. Logan College

Associate in Arts Degree in Special Education

Transfer Curriculum 000AA0086

Associate in Arts: 63 Hrs. Min.

Major Code: 1.1 131001

Effective Date: Fall 2019

GENERAL EDUCATION (IAI GECC, 37-38 CREDITS)

The Illinois Articulation Initiative (IAI) General Education Core Curriculum (GECC) requires 12 to 13 courses from the following five areas. Courses selected to meet IAI GECC requirements may also meet course requirements for a specific major.

IAI COMMUNICATIONS (3 COURSES)

	Sem.	Grade
ENG 101 or ENG 113 (C grade or higher)	_____	_____
ENG 102 (C grade or higher)	_____	_____
COM 115 Speech	_____	_____

IAI HUMANITIES AND FINE ARTS (3 COURSES)

At least one course must be an IAI Fine Arts elective and one course must be an IAI Humanities elective.

	Sem.	Grade
Fine Arts Elective	_____	_____
Humanities Elective	_____	_____
Humanities or Fine Arts Elective	_____	_____

IAI Fine Arts Electives:

Art: ART 111, 220, 221, 291
Literature: LIT 275
Music: MUS 105, 225
Theater: THE 113

IAI Humanities Electives:

Foreign Language: FRE 202, GER 202, SPN 202
History: HIS 101, 102, 213
Literature: LIT 210, 230, 235, 264, 280, 281, 284, 295
Philosophy: PHL 111, 121, 131, 200, 260

IAI MATHEMATICS (1 COURSE)

	Sem.	Grade
MAT 209	_____	_____

IAI SOCIAL AND BEHAVIORAL SCIENCES (3 COURSES)

At least two different disciplines (course prefixes) must be represented.

	Sem.	Grade
PSY 132 or Social Science Elective	_____	_____
Social Science Elective	_____	_____
Social Science Elective	_____	_____

IAI Social and Behavioral Sciences Electives:

Anthropology: ANT 111, 202, 216, 240
Economics: ECO 201, 202
Geography: GEO 112
History: HIS 103, 104, 201, 202
Political Science: PSC 131, 211, 212, 213, 289
Psychology: PSY 132, 200, 203, 262
Sociology: SOC 133, 221, 263, 264

IAI PHYSICAL/LIFE SCIENCES (2 COURSES) 7-8 HOURS

One course must be at least 4 credit hours and include a lab component.

	Sem.	Grade
SCI 210A or Physical Science Elective	_____	_____
SCI 210B or Life Science Elective	_____	_____

IAI Life Science Electives:

Biology: BIO 100, 101, 105, 225
Interdisciplinary: PHS 101 with PHS 111, SCI 210A and SCI 210B
Life Science: SCI 215

IAI Physical Science Electives:

Chemistry: CHM 141, 151
Interdisciplinary: PHS 101 with PHS 111, SCI 210A and SCI 210B
Physical Science: PHS 102, 103, 105, 107
Physics: PHY 121, 155, 205

MAJOR AND GENERAL ELECTIVE REQUIREMENTS (IAI GECC and major/elective credits must total a minimum of 62 hours, of which 24-25 must be general elective credits.)

Consult with the transfer institution to determine if certain courses require a grade of "C" or higher, or if there is a minimum grade point average for admission to your declared major. Please select courses on this guide in accordance with the Articulation Notes for your transfer institution.

	Sem.	Grade
ORI 100 (1)	_____	_____
MAT 208 (3)	_____	_____
CIS 207 or Elective (3)	_____	_____
HTH 110 or Elective (2)	_____	_____
EDC 202 or Elective (3)	_____	_____
EDC 203 or Elective (3)	_____	_____
EDC 208 or Elective (3)	_____	_____
Elective	_____	_____
Elective	_____	_____
*Non-Western Civilization/Culture Course (3)	_____	_____

*Select one of the following as GECC credit: ANT 202, 216, GEO 112, HIS 103, 104, 213, PHL 200, 260, or PSC 213

ARTICULATION NOTES: Consult the transfer institution for specific requirements.

TEACHER EDUCATION PROGRAM: To be considered for admission into a formal Teacher Education Program: Must meet the minimum grade point average required for consideration into the major and/or Professional Education Program. This grade point average is typically at 2.5 but may be higher depending on the institution and program option selected. SIUC requires a minimum grade point average of 2.75. In addition, a minimum grade of "C" or higher may be required in selected courses within the degree program. Must have an official score report showing a qualifying score on the TAP, ACT plus Writing or SAT when submitting an application for consideration for admission into a formal Teacher Education Program. Helpful tips for applying to a Teacher Education Program may be found [here](#):

SIUC TRANSFER INFORMATION: Take PSY 132, MAT 208, MAT 209, CIS 207, EDC 203, EDC 202 and EDC 208 or PSY 265. To satisfy a non-western civilization/third world culture course requirement, select from ANT 111, 216, GEO 112, HIS 103, 104, 213. PHL 200 or 260.

SIUE TRANSFER INFORMATION: Take PSY 132, HIS 201, 202, PSC 131, SCI 210A, 210B, MAT 208, 209, PSY 265 and EDC 203. Course recommendations include HTH 110, MUS 105 or ART 111, PHL 121, HIS 103 or 104.

EIU TRANSFER INFORMATION: Take PSC 131-3, CPS 111-3, EDC 200/202, MAT 208, MAT 209 and EDC 203. To satisfy a non-western Civilization/Third World Culture course requirement, select from ANT 111, 216, GEO 112, HIS 103, 104, 213, PHL 200, 260, PSC 212 or 213. One year or two course sequence of a foreign language is required. Students are exempt with two full years of a single language with grades of C or better in high school. If you are seeking dual certification with Elementary Education or Early Childhood Education, MAT 108 is required as well as MAT 120 or MAT 282, BIO 100 or BIO 101, PHY 155, CHM 151 and PHS 103 or PHS 220.

ISU TRANSFER INFORMATION: Take EDC 208 or PSY 265, EDC 202 or PSY 262 to satisfy select core courses required for all sequences (Deaf and Hard of Hearing, Learning and Behavior, Low Vision and Blindness) A Global Studies course is required as a general graduation requirement. Select from: ANT 111, 216, GEO 112, HIS 103, 104, HUM 120, PHL 200, 260, PSC 120, or PSC 212. All B.S degree programs require successful completion of a SMT course. Select from: BIO 226, 240, 275, CHM 142, 152, 201, PHS 107, MAT 117, 201, 202, 125, 221, BUS 121, PHY 156 or 206.



John A. Logan College

Associate in Arts Degree in Speech Communication

Transfer Curriculum 000AA0086
Associate in Arts: 63 Hrs. Min.
Major Code: 1.1090101
Effective Date: Fall 2019

GENERAL EDUCATION (IAI GECC, 37-38 CREDITS)

The Illinois Articulation Initiative (IAI) General Education Core Curriculum (GECC) requires 12 to 13 courses from the following five areas. Courses selected to meet IAI GECC requirements may also meet course requirements for a specific major.

IAI COMMUNICATIONS (3 COURSES)

	Sem.	Grade
ENG 101 or ENG 113 (C grade or higher)	_____	_____
ENG 102 (C grade or higher)	_____	_____
COM 115 Speech	_____	_____

IAI HUMANITIES AND FINE ARTS (3 COURSES)

At least one course must be an IAI Fine Arts elective and one course must be an IAI Humanities elective.

	Sem.	Grade
Fine Arts Elective	_____	_____
Humanities Elective	_____	_____
Humanities or Fine Arts Elective	_____	_____

IAI Fine Arts Electives:

Art: ART 111, 220, 221, 291
Literature: LIT 275
Music: MUS 105, 225
Theater: THE 113

IAI Humanities Electives:

Foreign Language: FRE 202, GER 202, SPN 202
History: HIS 101, 102, 213
Literature: LIT 211, 212, 231, 232, 235, 264, 280, 281, 284, 295
Philosophy: PHL 111, 121, 131, 200, 260

IAI MATHEMATICS (1 COURSE)

	Sem.	Grade
Math Elective	_____	_____

IAI Mathematics Electives:

MAT 112, MAT 113, MAT 116, MAT 117, MAT 119, MAT 120, MAT 125/CPS 202, MAT 131, MAT 201, MAT 202, MAT 282

IAI SOCIAL AND BEHAVIORAL SCIENCES (3 COURSES)

At least two different disciplines (course prefixes) must be represented.

	Sem.	Grade
Social Science Elective	_____	_____
Social Science Elective	_____	_____
Social Science Elective	_____	_____

IAI Social and Behavioral Sciences Electives:

Anthropology: ANT 111, 202, 216, 240
Economics: ECO 201, 202
Geography: GEO 112
History: HIS 103, 104, 201, 202
Political Science: PSC 131, 211, 212, 213, 289
Psychology: PSY 132, 200, 203, 262
Sociology: SOC 133, 221, 263, 264

IAI PHYSICAL/LIFE SCIENCES (2 COURSES)

One course must be at least 4 credit hours and include a lab component.

	Sem.	Grade
Life Science Elective	_____	_____
Physical Science Elective	_____	_____

IAI Life Science Electives:

Biology: BIO 100, 101, 105, 225
Interdisciplinary: PHS 101 with PHS 111, SCI 210A and SCI 210B
Physical Geography: GEO 215

IAI Physical Science Electives:

Chemistry: CHM 141, 151
Interdisciplinary: PHS 101 with PHS 111, SCI 210A and SCI 210B
Physical Science: PHS 102, 103, 105, 107
Physics: PHY 121, 155, 205

MAJOR AND GENERAL ELECTIVE REQUIREMENTS (IAI GECC and major/elective credits must total a minimum of 62 hours, of which 24-25 must be general elective credits.)

Consult with the transfer institution to determine if certain courses require a grade of "C" or higher, or if there is a minimum grade point average for admission to your declared major. Please select courses on this guide in accordance with the Articulation Notes for your transfer institution.

	Sem.	Grade
ORI 100 (1)	_____	_____
COM 116	_____	_____
Foreign Language I or Elective	_____	_____
Foreign Language II or Elective	_____	_____
Elective	_____	_____
Elective	_____	_____
Elective	_____	_____
Elective	_____	_____
Elective	_____	_____
Elective	_____	_____

ARTICULATION NOTES: Consult the transfer institution for specific requirements.

SIUC TRANSFER INFORMATION: COM115 and 116 are required. Students should select two courses from ANT 111, ANT 216, ART 220, ART 221, ART 223, ECO 150I, GEO 112, GEO 215, HIS 101, HIS 102, HIS 103, HIS 104, HIS 112, HIS 213, PHL 200, PSC 212, PSC 289, and/or SOC 263 to satisfy the International Coursework requirement in the College of Liberal Arts. The College of Liberal Arts also requires two semesters of the same foreign language. IPP 141 and 142 may be used to satisfy the language requirement.

SIUE TRANSFER INFORMATION: COM 115 and 116 are required. Students pursuing the B.A. degree are required to take two semesters of the same foreign language.

EIU TRANSFER INFORMATION: COM 115 and 116 are required. Foreign language is not required.

ISU TRANSFER INFORMATION: COM 115 and 116 are required. Students pursuing a B.A. degree must complete three semesters of the same foreign language. The B.S. Degree requires two semesters of the same language (three years of the same language in high school with a grade of "C" or higher will satisfy this requirement). IPP 141 and 142 may be used for the language requirement. Students should select one course from ANT 111, ANT 216, GEO 112, HIS 103, HIS 104, HUM 120, PHL 200, PHL 260, PSC 120, or PSC 212 to satisfy the Global Studies requirement for all majors.



John A. Logan College

Associate in Arts Degree Pre-BSN

Transfer Curriculum 000AA0086
Associate in Arts: 62 Hrs. Min.
Major Code: I.1 511105
Effective Date: Fall 2019

GENERAL EDUCATION (IAI GECC, 37-38 CREDITS)

The Illinois Articulation Initiative (IAI) General Education Core Curriculum (GECC) requires 12 to 13 courses from the following five areas. Courses selected to meet IAI GECC requirements may also meet course requirements for a specific major.

IAI COMMUNICATIONS (3 COURSES)

	Sem.	Grade
ENG 101 or ENG 113 (C grade or higher)	_____	_____
ENG 102 (C grade or higher)	_____	_____
COM 115 Speech	_____	_____

IAI HUMANITIES AND FINE ARTS (3 COURSES)

At least one course must be an IAI Fine Arts elective and one course must be an IAI Humanities elective.

	Sem.	Grade
Fine Arts Elective	_____	_____
PHL 111 Ethics and Moral Problems	_____	_____
PH 121 or Humanities or Fine Arts Elective ¹	_____	_____

IAI Fine Arts Electives:

Art: ART 111, 220, 221, 291
Literature: LIT 275
Music: MUS 105, 225
Theater: THE 113

IAI Humanities Electives:

Foreign Language: FRE 202, GER 202, SPN 202
History: HIS 101, 102, 213
Literature: LIT 210, 230, 235, 264, 280, 281, 284, 295
Philosophy: PHL 111, 121, 131, 200, 260

IAI MATHEMATICS (1 COURSE)

	Sem.	Grade
MAT 119 or MAT 120 Elementary Statistics	_____	_____

IAI SOCIAL AND BEHAVIORAL SCIENCES (3 COURSES)

At least two different disciplines (course prefixes) must be represented.

	Sem.	Grade
PSY 132	_____	_____
SOC 133 or SOC 221	_____	_____
Social Science Elective	_____	_____

IAI Social and Behavioral Sciences Electives:

Anthropology: ANT 111, 202, 216, 240
Economics: ECO 201, 202
Geography: GEO 112
History: HIS 103, 104, 201, 202
Political Science: PSC 131, 211, 212, 213, 289
Psychology: PSY 132, 200, 203, 262
Sociology: SOC 133, 215, 263, 264

IAI PHYSICAL/LIFE SCIENCES (2 COURSES)

One course must be at least 4 credit hours and include a lab component.

	Sem.	Grade
BIO 105 or Life Science Elective ¹	_____	_____
CHM 141 (4)	_____	_____

IAI Life Science Electives:

Biology: BIO 100, 101, 105, 225
Interdisciplinary: PHS 101 with PHS 111, SCI 210A and SCI 210B
Life Science: SCI 215

MAJOR AND GENERAL ELECTIVE REQUIREMENTS (IAI GECC and major/elective credits must total a minimum of 62 hours, of which 24-25 must be general elective credits.)

Consult with the transfer institution to determine if certain courses require a grade of "C" or higher, or if there is a minimum grade point average for admission to your declared major. Please select courses on this guide in accordance with the Articulation Notes for your transfer institution.

	Sem.	Grade
ORI 100 (1)	_____	_____
BIO 205 Anatomy & Physiology I (4)	_____	_____
BIO 206 Anatomy & Physiology II(4)	_____	_____
BIO 226 Microbiology (4)	_____	_____
CHM 142 General, Organic & Biochemistry II or Elective ¹ (4)	_____	_____
PNE 100 Nutrition or Elective ¹ (3)	_____	_____
MAT 108 College Algebra or MAT 112 or MAT 113 Contemporary Math or Elective ¹ (3)	_____	_____
Elective ¹ (3)	_____	_____

¹Consult the transferring institution for specific general elective requirements.

Students should verify what general elective courses their transfer university will require.

SIUE Information

Take ENG 101 (ENG 101), 102 (ENG 102), SPE 115 (ACS 101). Note, effective with fall 2019 term, SPE 116 (ACS103) is no longer an acceptable substitute for SPE 115. Take BIO 105 (BIOL 140), BIO 205 (BIOL 240A), BIO 206 (BIOL 240B), BIO 226 (BIOL 250). Note: If you take BIO 205 (BIOL 240A), this course will substitute for BIO 105 (BIOL 140) and will meet the pre-requisite for both BIOL 240A and 250 at SIUE. Take CHM 141 (CHEM 120 and 124A), CHM 142 (CHEM 120B and 124B). Take MAT 113 (QR 101) or MAT 131 (MATH 150), PHL 121 (RA101) and PHL 111 (PHIL 320) and MAT 120 (STAT 107). Take one of the following to satisfy the Experience Global Cultures (EGC) course requirement: ART 220,221, ANT 111, 216, 240, HIS 101, 102, 103, 104, 112, HUM 120, LIT 210, 236, 280, 281, PHL 200, 260, PSC 120, 212 or 289.

Illinois State University:

This program is offered in ISU's Mennonite College of Nursing. Complete the Associate degree prior to enrollment. Take CHM 141 or 151 (CHE 140), MAT 282 (MQM 100 or ECO 138) or BUS 121 (MQM 100), PSY 132 (PSY 110), BIO 226 (BSC 160), BIO 205 (BSC 181), BIO 206 (BSC 182) and HIT 217 (HSC 105). Satisfy the AMALI graduation requirement by taking one of the following courses: ANT 111, 216, GEO 112, HIS 213, HUM 120, or PHL 200 or 260. Explore using one of these courses to meet an IAI Humanities or IAI Social and Behavioral Sciences course requirement.

University of Chicago:

Take ENG 101 (ENGL 160), ENG 102 (ENGL 161). Take BIO 101 (BIOS 100) as a pre-requisite to BIOS 350. Take CHM 151 (CHEM 122/123), CHM 141 (CHEM 130), BIO 205 (KN 251), BIO 206 (KN 252) and MAT 120 or 282 (STAT 101).

Eastern Illinois University:

Offers Nursing option in cooperation with Lakeview College of Nursing. Upon successful completion of all required courses, the degree is awarded by Lakeview College of Nursing.

Complete the A.A. degree prior to transfer. Include ENG 101 (ENG 1001G), ENG 102 (ENG 1002G), SPE 115 (CMN 1310G), MAT 120 or 282 (MAT 2250G), PSY 132 (PSY 1879), CHM 151 (CHM 1310G/1315G), CHM 152 (CHM 1410G/1415G), SOC 133 (SOC 1838G), PNE 100 (FCS 2100), BIO 101 (BIO 1001G), BIO 205 (BIO 2210) and BIO 206 (BIO 2220)

--NOTE: Students entering with an A.A. degree should consider application directly to Lakeview College of Nursing. In addition, Lakeview recommends completing BIO 226 and HIT 217 at JALC. In addition, Lakeview will accept our CJHM 151/152 or CHM 141/142 sequence. And EDC 202 will satisfy the required prerequisite for a Life Span Development course. Also, verification of current certification in CPR is a prerequisite in all clinical courses. The American Heart Association—Basic Life Support (CPR and AED Program) “or” The American Red Cross—Basic Life Support for Health Care Providers are the only two acceptable courses.

Western Illinois University:

Transfer students may initially be admitted into the Pre-Nursing program and required to complete all criteria for admission to the Nursing major. All General Education and Nursing support courses must be satisfactorily completed by August 1st for fall semester admission.

Within the A.A degree program, include BIO 226 (MICR 200), BIO 205 and 206 (ZOO 330 and 331), PSY 132 (PSY 100).SOC 133 (SOC 100), PHL 111 (PHIL 120), CHM 141 and 142 (CHEM 101 and 102), MAT 282 or 120 (STAT 171), ENG 101 or 113 (ENG 180), ENG 102 (ENG 280) and SPE 115 (COMM 241).

FYI

You can also find the BSN degree offered at MURRAY STATE UNIVERSITY in the School of Nursing, at SOUTHEAST MISSOURI STATE UNIVERSITY as a Bachelor of Science in Nursing under the College of Education, Health and Human Studies and at the UNIVERSITY OF SOUTHERN INDIANA as a Bachelor of Science in Nursing under the College of Nursing and Health Professions.



John A. Logan College

Associate in Applied Science in Accounting

Career Curriculum 00ACC0001
Minimum Hours: 61-62
Major Code: 1.2 520301
Effective Date: Fall 2019

FIRST YEAR – FALL SEMESTER

Dept.	No.		Hrs.	Grade
ORI	100	College 101	1	_____
ACC	200	Financial Accounting I	3	_____
CIS	101	Introduction to Computers OR CIS 207 Computer Applications	3	_____
ENG	101	English Composition I ¹ OR ENG 113 Professional Technical Writing ¹	3	_____
MAT	113	or MAT 112 Introduction to Contemporary Mathematics OR MAT 108 College Algebra ²	3-4	_____
IAI		Humanities/Fine Arts Elective OR	<u>3</u>	_____
IAI		Physical/Life Science Elective	16-17	_____

FIRST YEAR – SPRING SEMESTER

Dept.	No.		Hrs.	Grade
ACC	105	Payroll Accounting	3	_____
ACC	201	Financial Accounting II	3	_____
BUS	111	Business Mathematics	3	_____
CIS	105	Current Operating Systems/Security	3	_____
PSC	131	American Government	<u>3</u>	_____
			15	_____

SECOND YEAR – FALL SEMESTER

Dept.	No.		Hrs.	Grade
ACC	202	Managerial Accounting	3	_____
ACC	218	Tax Accounting	3	_____
CIS	104	Spreadsheet Design	3	_____
ECO	201	Introduction to Macroeconomics OR ECO 202 Introduction to Microeconomics	3	_____
COM	115	Speech OR COM 116 Interpersonal Communication	<u>3</u>	_____
			15	_____

SECOND YEAR – SPRING SEMESTER

Dept.	No.		Hrs.	Grade
ACC	225	Integrated Accounting on Computers	3	_____
BUS	222	Legal and Social Environment of Business	3	_____
BUS	235	Business Communication	3	_____
CIS	220	Advanced Spreadsheet Design	3	_____
MGT	112	Principles of Management	<u>3</u>	_____
			15	_____

NOTES AND INFORMATION

<u>Fall Only Courses:</u>		<u>Spring Only Courses:</u>	
ACC	218	ACC	105 CIS 105
		ACC	225
		CIS	220
		MGT	112

¹Requires a grade of "C" or higher.

The minimum general education component for the Associate in Applied Science degree requires satisfactory completion of at least 15 semester credits of coursework distributed over the disciplines of Communications, Mathematics, Arts and Humanities, Physical and Life Sciences, and Social and Behavioral Sciences. The curriculum guide for each Associate in Applied Science degree program will spell out the course requirements or options available for satisfying the general education component. With appropriate justification and in consultation with your academic advisor, a request to substitute a course for one recommended in this guide may be granted with the appropriate approvals from the Department Chair, Dean of Academic Affairs and Vice-President for Instruction. However, no substitutions are allowed in Groups I-III (General Education Component; GECC) of the curriculum guide (see the Associate in Applied Science general degree requirements worksheet in the John A. Logan College Catalog).

This AAS program is not designed to transfer. Students planning to pursue a baccalaureate degree should enroll in the Associate in Arts-Business degree program.

Additional Information: This is a two-year accounting program designed to meet the needs of modern business and industry. Courses in the curriculum are aimed at developing habits of critical and logical thinking, as well as the ability to analyze, record, and interpret accounting data. Completion of the program leads to the Associate in Applied Science degree.

Career Opportunities: bookkeeper, professional tax preparer, accounting assistant, accounting clerk.

John A. Logan College reserves the right to modify this curriculum guide as needed. Please verify with your academic advisor the accuracy and time lines of this document.



John A. Logan College

Associate in Applied Science Toward a Degree in Administrative Assistant

Career Curriculum: 00BUS0009
Minimum Hours: 64-66
Major Code: 1.2 520402
Effective Date: Fall 2020

FIRST YEAR – FALL SEMESTER

Dept.	No.		Hrs.	Grade
ORI	100	College 101	1	_____
BUS	116	Keyboarding I ¹	3	_____
BUS	135	Office Language Skills	3	_____
HIT	217	Medical Terminology	3	_____
BUS	255	Customer Service	3	_____
CIS	207	Computer Applications for Business	3	_____
			<u>16</u>	

FIRST YEAR – SPRING SEMESTER

Dept.	No.		Hrs.	Grade
BUS	117	Keyboarding II	3	_____
BUS	235	Business Communication	3	_____
BUS	222	Legal/Social Environment of Business	3	_____
CIS	105	Current Operating Systems/Security	3	_____
MAT	113	OR MAT 112 Introduction to Contemporary Mathematics ² OR BUS 111 Business Mathematics ²	15	_____

SECOND YEAR – FALL SEMESTER

Dept.	No.		Hrs.	Grade
CIS	104	Spreadsheet Design	3	_____
CIS	110	Introduction to Word Processing	2	_____
ENG	101	English Composition I ³ OR ENG 113 Professional Technical Writing ³	3	_____
ECO	201	Introduction to Macroeconomics OR ECO 202 Introduction to Microeconomics	3	_____
Track 1 or Track 2 electives			<u>6</u>	
			17	

SECOND YEAR – SPRING SEMESTER

Dept.	No.		Hrs.	Grade
ACC	100	Business Accounting OR ACC 200 Financial Accounting I	3	_____
CIS	120	Database Management	3	_____
COM	115	Speech ² OR COM 116 Interpersonal Communication ²	3	_____
IAI Humanities OR IAI Fine Arts Elective ⁴			3	_____
Track 1 or Track 2 electives			<u>4-6</u>	
			16-18	

NOTES AND INFORMATION

Fall Only Courses:	Spring Only Courses:
BUS 255	BUS 270 CIS 105
HIT 206	BUS 280 MGT 112
BUS 282	BUS 237 CIS 120

¹ Proficiency exams are available for BUS 116 (requiring a production test as well as 40 wpm with no more than three errors on a three-minute straight-copy timing) and BUS 117 (requiring 55 wpm with no more than three errors on a three-minute straight-copy timing) for students entering the program with a sound background in keyboarding. See your advisor or the chairperson of the Business Department for information.

² Students pursuing the Health Care Management Capstone Option at SIUC or a baccalaureate degree at another institution should take MAT 113 and COM 115.

³ Requires a grade of "C" or higher.

⁴ Preferred IAI Humanities and Fine Arts electives: LIT 235, LIT 280, PHL 121, THE 113

Medical Office Administrative Assistant Required Electives-Track One

BUS 270	Medical Office Procedures	3	_____
ALH 101	Cardiopulmonary Resuscitation	1	_____
HIT 206	Medical Insurance & Billing Procedures	3	_____
BUS 280	Computer Applications for the Medical Office	3	_____

General Administrative Assistant Required Electives-Track Two

BUS 110	Introduction to Business	3	_____
BUS 237	Office Procedures	3	_____
BUS 282	Legal Terminology	3	_____
MGT 112	Principles of Management	3	_____

Students planning to transfer and pursue a baccalaureate degree should, when given a choice, enroll in the general education course that is IAI GECC approved and articulated with participating Illinois institutions.

Additional Information: This is a two-year program leading to an Associate in Applied Science degree.

Career Opportunities:

John A. Logan College reserves the right to modify this curriculum guide as needed. Please verify with your academic advisor the accuracy and time lines of this document.



John A. Logan College

Associate in Applied Science Associate Degree Nursing (ADN)*

Career Curriculum ADN15
Minimum Hours: 63-63.5
Major Code: 1.2 513801
Effective Date: Spring 2021

FIRST YEAR – SUMMER SEMESTER

Dept.	No.		Hrs.	Grade
ORI	212	ADN Orientation	.5	_____
ALH	101	Cardiopulmonary Resuscitation OR ALH 102 CPR Recertification ¹	.5-1	_____
CHM	141	General, Organic, and Biochemistry I*	<u>4</u> 5-5.5	_____

FIRST YEAR – FALL SEMESTER

Dept.	No.		Hrs.	Grade
ADN	201	Health Assessment and Nursing Care	4	_____
ADN	202	Nursing Care of Adult I	7	_____
ADN	213	Nursing Today & Tomorrow	2	_____
ADN	218	Mental Health Issues in Nursing	3	_____
ADN	230	Advanced Pharmacology I	<u>1.5</u> 17.5	_____

FIRST YEAR – SPRING SEMESTER

Dept.	No.		Hrs.	Grade
ADN	220	Nursing Care of Adult II	7	_____
ADN	221	Family Nursing	5	_____
ADN	231	Advanced Pharmacology II	1.5	_____
BIO	226	Microbiology*	<u>4</u> 17.5	_____

NOTES AND INFORMATION

** Students must complete either CHM 141 or BIO 226 **PRIOR** to starting the First-Year-Fall Semester on this guide. Students must maintain “C” or higher in all courses. All students must complete the practical nursing curriculum. All PN courses must be completed with a “C” or better prior to beginning ADN courses. It is strongly recommended that all ADN general education courses are completed prior to beginning the ADN program. Active and unencumbered Illinois LPN license is required prior to entering the first year, fall semester classes. The following courses are included in the minimum hours of this degree:

Course	Credit Hours
BIO 205 Human Anatomy and Physiology I	4
BIO 206 Human Anatomy and Physiology II	4
PNE 101 Fundamentals of Nursing	3
PNE 105 Nursing Throughout the Life Cycle	1
PNE 161 Pharmacology in Nursing	2
PNE 171 Pharmacology in Nursing II	2
PNE 204 Adult Nursing I	2
PNE 206 Adult Nursing II	2
PNE 209 I.V. Therapy (or comparable I.V. course)	.5
PNE 207 Medical/Surgical Clinic	3
PNE 208 Mental Health Nursing	<u>1.0</u>
TOTAL CREDIT HOURS	24.5

ATI scores at Level 2 are required before a course grade will be issued. ATI National Average Score must be obtained on RN Predictor prior to exiting the program. (2 attempts maximum)

A national licensure examination test must be passed in order to be employed in this career.

¹ Students must be certified in CPR annually (ALH 101) before starting Clinical Rotations.

**Students interested in BSN should consider taking MAT 120 Elementary Statistics.

The minimum general education component for the Associate in Applied Science degree requires satisfactory completion of at least 15 semester credits of coursework distributed over the disciplines of Communications, Mathematics, Arts and Humanities, Physical and Life Sciences, and Social and Behavioral Sciences. The curriculum guide for each Associate in Applied Science degree program will spell out the course requirements or options available for satisfying the general education component. With appropriate justification and in consultation with your academic advisor, a request to substitute a course for one recommended in this guide may be granted with the appropriate approvals from the Department Chair or Director of Nursing, Dean for Academic Affairs and Vice-President for Instructional Services. However, no substitutions are allowed in Groups I-III (General Education Component; GECC) of the curriculum guide (see the Associate in Applied Science general degree requirements worksheet in the John A. Logan College Catalog).

Students planning to transfer and pursue a baccalaureate degree should, when given a choice, enroll in the general education course that is IAI GECC approved and articulated with participating Illinois institutions.

Additional Information: The Associate Degree Nursing Program provides practical nurses the opportunity to achieve an associate degree in nursing and take the NCLEX-RN Exam; builds on the practical nurse program of education in communication skills, nursing process, anatomy, physiology, pathophysiology, pharmacology, and basic nursing skills; provides appropriate educational

opportunities to prepare the graduate to adhere to standards and scope of practice as set forth in the Illinois Nursing Act of 2017 and American Nursing Association; and creates an environment that encourages lifelong learning and professional development.

This unique program is designed to prepare the student for the practice of professional nursing as defined in the Illinois Nurse Practice Act of 2017 and meets the requirements for schools approved for associate degree nursing by the Illinois Department of Financial Professional Regulation (IDFPR).

The applicant should contact the Testing Services Office at the College. The Associate Degree Nursing Program entry packet can be located at the following link www.jalc.edu/admissions/restricted-allied-health-admission. The steps to be followed are specified in the packet.

In addition to completing a College application, the applicant must be able to do the following:

- provide proof of successful completion of an approved school of practical nursing
- successfully complete the associate degree nursing pre-entrance examination and the ASSET Test
- must possess an unencumbered active Illinois LPN license

The selection procedures are listed in the admissions packet.

The ADN program goals follow the American Nurses Association Scope & Standards of Practice (Third Edition) for a Registered Professional Nurse.

The goals of the ADN program are to prepare entry level Rn's:

1. To collect pertinent data in a systematic, ongoing assessment process with compassion and respect for the individuals' dignity, worth, and unique attributes.
2. To analyze assessment data to determine actual or potential diagnoses, problems and issues.
3. To identify expected outcomes for an individualized plan.
4. To develop or review a plan to help an individual attain expected, measurable outcomes.
5. To implement the identified plan.
6. To coordinate care delivery.
7. To employ strategies to promote health and a safe environment.
8. To practice ethically.
9. To practice in a manner that is congruent with cultural diversity and inclusion principles.
10. To communicate effectively.
11. To collaborate with peers, faculty and healthcare team.
12. To lead within the professional practice setting and the profession.
13. To seek knowledge and competence that reflects nursing practice.
14. To integrate evidence-based practice and research.
15. To contribute to qualify nursing practice.
16. To evaluate one's own professional practice, as well as, others' nursing practice.
17. To utilize appropriate resources to plan, provide, and sustain evidence-based nursing services that are safe, effective, and fiscally responsible.

Upon satisfactory completion of the program, the student will be eligible to take the National Council Licensure Examination for Registered Nurses (NCLEX-RN).

Career Opportunities: Specializations include obstetrics, surgery, intensive care unit, medical/surgical, emergency room, pediatrics, dialysis, case management, public health, insurance, office nursing and administration, home health.

John A. Logan College reserves the right to modify this curriculum guide as needed. Please verify with your academic advisor the accuracy and time lines of this document.





John A. Logan College

Associate in Applied Science ASL/Deaf Studies

Career Curriculum IPP 2009
Minimum Hours: 66
Major Code: 1.2 161603
Effective Date: Fall 2020

FIRST YEAR – FALL SEMESTER

Dept.	No.		Hrs.	Grade
ORI	100	College 101	1	_____
ENG	101	English Composition I ³	3	_____
IPP	111	Non-Verbal Language	3	_____
ASL	141	American Sign Language (ASL I) ^{1,2}	4	_____
MAT	113	or MAT 112 Introduction to Contemporary Mathematics*OR BUS 111 Business Mathematics	3	_____
ANT	216	Cultural Anthropology or SOC 221 Race and Ethnicity	<u>3</u>	_____
			17	

FIRST YEAR – SPRING SEMESTER

Dept.	No.		Hrs.	Grade
BIO	100	Biology for Non-Science Majors	4	_____
ASL	142	American Sign Language (ASL II) ^{1,2}	4	_____
IPP	144	ASL Classifiers ⁴	3	_____
IPP	151	Deaf Studies/Culture	3	_____
IPP	240	Fingerspelling and Numbers I ¹	<u>3</u>	_____
			17	

SECOND YEAR – FALL SEMESTER

Dept.	No.		Hrs.	Grade
ASL	143	American Sign Language (ASL III) ¹	5	_____
IPP	211	ASL Linguistics I	3	_____
IPP	278	ASL Vocabulary Building I	3	_____
COM	115	Speech OR COM 116 Interpersonal Communication	3	_____
PSY	132	General Psychology	<u>3</u>	_____
			17	

SECOND YEAR – SPRING SEMESTER

Dept.	No.		Hrs.	Grade
IPP	212	ASL Linguistics II	3	_____
ASL	244	ASL IV-Survey of ASL Literature ¹	5	_____
IPP	279	ASL Vocabulary Building II	3	_____
IPP	201	Introduction to Interpreting OR Elective	<u>4</u>	_____
			15	

NOTES AND INFORMATION

*Or any higher math course.

¹ A grade of "C" or higher is required in:

- ASL 141 American Sign Language (ASL I)
- ASL 142 American Sign Language (ASL II)
- ASL 143 American Sign Language (ASL III)
- ASL 244 ASL IV-Survey of ASL Literature

² Competency in American Sign Language communication ("C" or better in ASL 141 and 142) must be achieved before starting second year of classes.

³ Requires a grade of "C" or higher.

⁴ IPP 144 is taught every other year, during odd numbered years.

The minimum general education component for the Associate in Applied Science degree requires satisfactory completion of at least 15 semester credits of coursework distributed over the disciplines of Communications, Mathematics, Arts and Humanities, Physical and Life Sciences, and Social and Behavioral Sciences. The curriculum guide for each Associate in Applied Science degree program will spell out the course requirements or options available for satisfying the general education component. With appropriate justification and in consultation with your academic advisor, a request to substitute a course for one recommended in this guide may be granted with the appropriate approvals from the Department Chair, Dean for Academic Affairs and Vice-President for Instruction. However, no substitutions are allowed in Groups I-III (General Education Component; GECC) of the curriculum guide (see the Associate in Applied Science general degree requirements worksheet in the John A. Logan College Catalog).

Students planning to transfer and pursue a baccalaureate degree should, when given a choice, enroll in the general education course that is IAI GECC approved and articulated with participating Illinois institutions.

Career Opportunities: Teachers assistant, tutor deaf and hard of hearing children and provide other support services for deaf and hard of hearing children, work as job coaches for deaf and hard of hearing adults, or work in any situation where skill in American Sign Language is required.

John A. Logan College reserves the right to modify this curriculum guide as needed. Please verify with your academic advisor the accuracy and time lines of this document.



John A. Logan College

Associate in Applied Science

Toward a Degree in

Auto Collision Technology

Career Curriculum ACT 2004
Minimum Hours: 66
Major Code: 1.2 470603C
Effective Date: Fall 2019

FIRST YEAR – FALL SEMESTER

Dept.	No.		Hrs.	Grade
ORI	100	College 101	1	_____
ACT	190	Auto Body Repair I	2	_____
ACT	191	Metal Finishing and Painting	2	_____
ACT	196	Auto Body Lab	5	_____
MAT	113	or MAT 112 Introduction to Contemporary Mathematics OR MAT 100 Mathematics for Applied Technologies OR MAT 119 OR MAT 120 Elementary Statistics	3	_____
WEL	150	Oxy-Acetylene Fusion Welding I	1	_____
WEL	160	M.I.G. Welding	2	_____
WEL	196	M.I.G. Welding – Aluminum	1	_____
			16	

OPTIONAL

Dept.	No.		Hrs.	Grade
INT	101	Internship ²	1-3	_____

NOTES AND INFORMATION

¹ Requires a grade of "C" or higher.

² Although this class is recommended, it is not required for graduation from this program and therefore is ineligible for Title IV financial aid funding.

The minimum general education component for the Associate in Applied Science degree requires satisfactory completion of at least 15 semester credits of coursework distributed over the disciplines of Communications, Mathematics, Arts and Humanities, Physical and Life Sciences, and Social and Behavioral Sciences. The curriculum guide for each Associate in Applied Science degree program will spell out the course requirements or options available for satisfying the general education component. With appropriate justification and in consultation with your academic advisor, a request to substitute a course for one recommended in this guide may be granted with the appropriate approvals from the Department Chair, Dean for Instruction and Vice-President for Instruction. However, no substitutions are allowed in Groups I-III (General Education Component; GECC) of the curriculum guide (see the Associate in Applied Science general degree requirements worksheet in the John A. Logan College Catalog).

FIRST YEAR – SPRING SEMESTER

Dept.	No.		Hrs.	Grade
ACT	192	Frame and Body Alignment	2	_____
ACT	193	Advanced Auto Body Repair	1	_____
ACT	194	Body Shop Management	1	_____
ACT	197	Auto Body Repair and Paint Lab II	5	_____
ACT	273	Chassis Electrical	3	_____
ENG	101	English Composition I ¹ OR ENG 113 Professional Technical Writing ¹	3	_____
			15	

Students planning to transfer and pursue a baccalaureate degree should, when given a choice, enroll in the general education course that is IAI GECC approved and articulated with participating Illinois institutions.

Career Opportunities: Repair technician, insurance assessor, detailer, customer service manager.

FIRST YEAR – SUMMER SEMESTER

Dept.	No.		Hrs.	Grade
ACT	293	Structural Damage Repair	1	_____
ACT	296	Structural Damage Repair Lab	4	_____
			5	

SECOND YEAR – FALL SEMESTER

Dept.	No.		Hrs.	Grade
ACT	294	Plastics and Adhesives	2	_____
AST	280	Air Conditioning	4	_____
AST	281	Suspension and Steering	4	_____
CIS	101	Introduction to Computers	3	_____
COM	115	Speech OR COM 116 Interpersonal Communication	3	_____
			16	

John A. Logan College reserves the right to modify this curriculum guide as needed. Please verify with your academic advisor the accuracy and time lines of this document.

SECOND YEAR – SPRING SEMESTER

Dept.	No.		Hrs.	Grade
ACT	291	Mechanical Systems for Collision Technology	2	_____
AST	279	ASE Testing	2	_____
PHS	101	Environmental Science	3	_____
		IAI Physical/Life Science or IAI Humanities/ Fine Arts Elective	3-5	_____
		IAI Social and Behavioral Science Elective	3	_____
			13-15	



John A. Logan College

Associate in Applied Science

Toward a Degree in Automotive Services Technology

Career Curriculum 00AST0004
Minimum Hours: 70
Major Code: 1.2 470604C
Effective Date: Spring 2017

FIRST SEMESTER – FALL

Dept. No.	Hrs.	Grade
General Education Courses		
IND 138 Industrial Seminar	1	_____
MAT 113 Introduction to Contemporary Mathematics OR MAT 100 Mathematics for Applied Technologies OR MAT 120 Elementary Statistics	3	_____
Automotive Courses		
First Half		
AST 172 Introduction to Automotive Services	2	_____
AST 173 Braking Systems	4	_____
Second Half		
AST 170 Engine Repair	4	_____
AST 180A Basic Electrical Systems	2	_____
	16	

SECOND SEMESTER – SPRING

Dept. No.	Hrs.	Grade
General Education Courses		
ENG 101 English Composition I ¹ OR ENG 113 Professional Technical Writing ¹	3	_____
PSY 110 College Success and Career Planning OR ATI 200 Applied Technologies Internship (Summer only)	3	_____
Automotive Courses		
First Half		
AST 171A Ignition Systems	4	_____
AST 180B Starting and Charging Systems	2	_____
Second Half		
AST 171B Fuel and Exhaust Systems	4	_____
AST 180C Electrical Accessories	2	_____
	18	

THIRD SEMESTER – FALL

Dept. No.	Hrs.	Grade
General Education Courses		
CIS 101 Introduction to Computers	3	_____
SPE 115 Speech OR SPE 116 Interpersonal Communication	3	_____
Automotive Courses		
First Half		
AST 200 Alternative Fuels	2	_____
AST 280 Air Conditioning	4	_____
Second Half		
AST 273 Automotive Computer Electronics	2	_____
AST 281 Suspension and Steering	4	_____
	18	

FOURTH SEMESTER – SPRING

Dept. No.	Hrs.	Grade
General Education Courses		
IAI Physical/Life Science OR IAI Humanities/ Fine Arts Elective	3-5	_____
IAI Social and Behavioral Science Elective	3	_____
Automotive Courses		
First Half		
AST 270 Manual Drive Trans and Axles	4	_____
AST 276 Emission Control Systems	2	_____
Second Half		
AST 271 Automotive Transmissions/Transaxles	4	_____
AST 279 ASE Testing	2	_____
	18	

NOTES AND INFORMATION

¹ Requires a grade of "C" or higher.

The minimum general education component for the Associate in Applied Science degree requires satisfactory completion of at least 15 semester credits of coursework distributed over the disciplines of Communications, Mathematics, Arts and Humanities, Physical and Life Sciences, and Social and Behavioral Sciences. The curriculum guide for each Associate in Applied Science degree program will spell out the course requirements or options available for satisfying the general education component. With appropriate justification and in consultation with your academic advisor, a request to substitute a course for one recommended in this guide may be granted with the appropriate approvals from the Department Chair, Dean for Instruction and Vice-President for Instruction. However, no substitutions are allowed in Groups I-III (General Education Component; GECC) of the curriculum guide (see the Associate in Applied Science general degree requirements worksheet in the John A. Logan College Catalog).

Students planning to transfer and pursue a baccalaureate degree should, when given a choice, enroll in the general education course that is IAI GECC approved and articulated with participating Illinois institutions.

All students registered for Automotive Services Technology classes will be required to furnish a basic tool set. The set includes the following:

Drive Sockets (1/4" sq.)

- (10) 6-pt Standard (5/32" through 1/2")
- (10) 6-pt. Metric (4, 5, 5.5, 6 through 12 mm)
- (1) Quick Release Ratchet
- (1) Extension

Drive Sockets (3/8" sq.)

- (9) 6-pt. or 12-pt. Standard (3/8" through 7/8")
- (10) 6-pt. or 12-pt. Metric (10mm through 19mm)
- (1) Ratchet
- (1) Extension (3")
- (1) Extension (6")

Drive Sockets (1/2" sq.)

- (4) 6-pt. or 12-pt. Standard (15/16", 1", 1 1/16", 1 1/8")
- (4) 6-pt. or 12-pt. Metric (21mm, 22mm, 24mm, 27mm)
- (1) Ratchet
- (1) Extension (3")

Wrenches (combination)

- (7) Standard (3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4")
- (7) Metric (10mm, 12mm, 13mm, 14mm, 15mm, 17mm, 19mm)

Screwdrivers	Pliers	Additional Tools
(2) Slotted (1 small, 1 large)	(1) Slip Joint Pliers	(1) Hammer
(2) Phillips (1 small, 1 large)	(1) Diagonal Cutting	(1) Locking Tool Box

Additional Information: Principles of design and operation provide for an exact appreciation of the functions of automotive units. Coordinated laboratory work develops the ability to execute diagnostic tests and complete the repairs that are indicated. The curriculum prepares students for employment as line mechanics, diagnostic technicians, and industrial maintenance personnel, as well as shop managers, company technicians, factory representatives, or teachers.

Career Opportunities: Line mechanic, diagnostic technician, factory representative, factory technician, self-employment, automotive technician at dealerships, independent garages, automotive specialty shops, and parts-related businesses.

John A. Logan College reserves the right to modify this curriculum guide as needed. Please verify with your academic advisor the accuracy and time lines of this document.



John A. Logan College

Associate in Applied Science Toward a Degree in Automotive Services Technology

Career Curriculum 00AST0004

Minimum Hours: 71

Major Code: 1.2 470604C

Effective Date: Fall 2019

FIRST YEAR – FALL SEMESTER

Dept.	No.		Hrs.	Grade
ORI	100	College 101	1	_____
AST	170	Engine Repair	4	_____
AST	172	Introduction to Automotive Services	2	_____
AST	173	Braking Systems	4	_____
AST	180A	Basic Electrical Systems	2	_____
IND	138	Industrial Seminar	1	_____
MAT	113	or MAT 112 Introduction to Contemporary Mathematics OR MAT 100 Mathematics for Applied Technologies OR MAT 119 or MAT 120 Elementary Statistics	3 17	_____

FIRST YEAR – SPRING SEMESTER

Dept.	No.		Hrs.	Grade
AST	171A	Ignition Systems	4	_____
AST	171B	Fuel and Exhaust Systems	4	_____
AST	180B	Starting and Charging Systems	2	_____
AST	180C	Electrical Accessories	2	_____
ENG	101	English Composition ¹ OR ENG 113 Professional Technical Writing ¹	3	_____
PSY	110	College Success and Career Planning OR INT 101 Internship	3 18	_____

SECOND YEAR – FALL SEMESTER

Dept.	No.		Hrs.	Grade
AST	200	Alternative Fuels	2	_____
AST	273	Automotive Computer Electronics	2	_____
AST	280	Air Conditioning	4	_____
AST	281	Suspension and Steering	4	_____
CIS	101	Introduction to Computers	3	_____
COM	115	Speech OR COM 116 Interpersonal Communication	3 18	_____

SECOND YEAR – SPRING SEMESTER

Dept.	No.		Hrs.	Grade
AST	270	Manual Drive Trains and Axles	4	_____
AST	271	Automatic Transmissions/Transaxles	4	_____
AST	276	Emission Control Systems	2	_____
AST	279	ASE Testing	2	_____
IAI		Physical/Life Science or IAI Humanities/ Fine Arts Elective	3-5	_____
IAI		Social and Behavioral Science Elective	3 18-20	_____

NOTES AND INFORMATION

¹ Requires a grade of "C" or higher.

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Students planning to transfer and pursue a baccalaureate degree should, when given a choice, enroll in the general education course that is IAI GECC approved and articulated with participating Illinois institutions.

All students registered for Automotive Services Technology classes will be required to furnish a basic tool set. The set includes the following:

Drive Sockets (1/4" sq.)

- (10) 6-pt. Standard (5/32" through 1/2")
- (10) 6-pt. Metric (4, 5, 5.5, 6 through 12 mm)
- (1) Quick Release Ratchet
- (1) Extension

Drive Sockets (3/8" sq.)

- (9) 6-pt. or 12-pt. Standard (3/8" through 7/8")
- (10) 6-pt. or 12-pt. Metric (10mm through 19mm)
- (1) Ratchet
- (1) Extension (3")
- (1) Extension (6")

Drive Sockets (1/2" sq.)

- (4) 6-pt. or 12-pt. Standard (15/16", 1", 1 1/16", 1 1/8")
- (4) 6-pt. or 12-pt. Metric (21mm, 22mm, 24mm, 27mm)
- (1) Ratchet
- (1) Extension (3")

Wrenches (combination)

- (7) Standard (3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4")
- (7) Metric (10mm, 12mm, 13mm, 14mm, 15mm, 17mm, 19mm)

Screwdrivers

- (2) Slotted (1 small, 1 large)
- (2) Phillips (1 small, 1 large)

Pliers

- (1) Slip Joint Pliers
- (1) Diagonal Cutting

Additional Tools

- (1) Hammer
- (1) Locking Tool Box

Additional Information: Principles of design and operation provide for an exact appreciation of the functions of automotive units. Coordinated laboratory work develops the ability to execute diagnostic tests and complete the repairs that are indicated. The curriculum prepares students for employment as line mechanics, diagnostic technicians, and industrial maintenance personnel, as well as shop managers, company technicians, factory representatives, or teachers.

Career Opportunities: Line mechanic, diagnostic technician, factory representative, factory technician, self-employment, automotive technician at dealerships, independent garages, automotive specialty shops, and parts-related businesses.

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John A. Logan College

Associate in Applied Science

Toward a Degree in Biomedical Electronics Technology

Career Curriculum 00ELT 3023
Minimum Hours: 63
Major Code: 1.2 150401
Effective Date: Fall 2019

FIRST YEAR – FALL SEMESTER

Dept.	No.		Hrs.	Grade
ORI	100	College 101	1	_____
HIT	217	Medical Terminology I	3	_____
ELT	102	Basic Electricity and Wiring	4	_____
ELT	111	Digital Electronics I	3	_____
ENG	113	Professional Technical Writing	3	_____
MAT	113	or MAT 112 Introduction to Contemporary Mathematics	3 17	_____

FIRST YEAR – SPRING SEMESTER

Dept.	No.		Hrs.	Grade
ELT	103	Applied DC/AC Circuits	4	_____
ELT	112	Digital Electronics II	3	_____
ELT	150	Applied Solid State Electronics	3	_____
ELT	170	Biomedical instrumentation I	3	_____
COM	115	Speech or COM 116 Interpersonal Communications	3 16	_____
-				

SECOND YEAR – FALL SEMESTER

Dept.	No.		Hrs.	Grade
ELT	151	Applied Solid State Circuits	3	_____
ELT	215	IOT and Embedded Systems	3	_____
ELT	250	Biomedical Instrumentation II	3	_____
HIS	201	United States History I OR HIS 202 United States History II OR PSC 131 American Government	3	_____
PHY	121	Technical Physics	3 15	_____

SECOND YEAR – SPRING SEMESTER

Dept.	No.		Hrs.	Grade
ELT	200	Introduction to Microprocessors	3	_____
ELT	210	A+ Preparation Essentials	3	_____
ELT	218	Introduction to Network Technologies	3	_____
ELT	220	Linear Integrated Circuits	3	_____
ELT	280	Biomedical Instrumentation III	3 15	_____

NOTES AND INFORMATION

Fall only courses:

ELT 102 ELT 215
ELT 111
ELT 151
ELT 250

Spring only courses:

ELT 103 ELT 210 ELT 112
ELT 150 ELT 218
ELT 170 ELT 220
ELT 200 ELT 280

¹ Requires a grade of "C" or higher.

The minimum general education component for the Associate in Applied Science degree requires satisfactory completion of at least 15 semester credits of coursework distributed over the disciplines of Communications, Mathematics, Arts and Humanities, Physical and Life Sciences, and Social and Behavioral Sciences. The curriculum guide for each Associate in Applied Science degree program will spell out the course requirements or options available for satisfying the general education component. With appropriate justification and in consultation with your academic advisor, a request to substitute a course for one recommended in this guide may be granted with the appropriate approvals from the Department Chair, Dean for Instruction and Vice-President for Instruction. However, no substitutions are allowed in Groups I-III (General Education Component; GECC) of the curriculum guide (see the Associate in Applied Science general degree requirements worksheet in the John A. Logan College Catalog).

Students planning to transfer and pursue a baccalaureate degree should, when given a choice, enroll in the general education course that is IAI GECC approved and articulated with participating Illinois institutions.

Additional Information: This two-year program is designed to provide a thorough understanding of DC/AC fundamentals, solid state electronics, digital electronics, microprocessor operations, and biomedical instruments. Upon completion of this program, the student will be awarded an associate degree in biomedical electronics technology. For students entering the program with prior education or on-the-job experience, it is possible to test out of the basic courses. For additional information, students should see their advisor or the chairperson of the Division of Applied Technologies.

Career Opportunities: Graduates of this program have career opportunities in entry level biomedical positions. Technicians install, use, maintain, and train healthcare personnel on cutting-edge medical technology. In addition, they support medical staff in the use of technology, help acquire medical equipment, coordinate vendor contracts and play a key role in investigating device related problems. The program also prepares students for the written portion of the Certified Biomedical Equipment Technician exam.

John A. Logan College reserves the right to modify this curriculum guide as needed. Please verify with your academic advisor the accuracy and time lines of this document.



John A. Logan College

Associate in Applied Science

Toward a Degree in

Computer Forensics

Career Curriculum CIS 2012
Minimum Hours: 71
Major Code: 1.2 111003
Effective Date: Fall 2020

FIRST YEAR – FALL SEMESTER

Dept.	No.		Hrs.	Grade
ORI	100	College 101	1	_____
CIS	208	Security Awareness	3	_____
CIS	230	Operating Systems	3	_____
CRJ	103	Introduction to Criminal Justice	3	_____
CRJ	105	Criminal Behavior	3	_____
MAT	120	Elementary Statistics or MAT 119 Elementary Statistics with Integrated Review ³	3	_____
			<u>3</u>	_____
			16	_____

FIRST YEAR – SPRING SEMESTER

Dept.	No.		Hrs.	Grade
CIS	200	Network Essentials	3	_____
CIS	171	Intro to Scripting	4	_____
CIS	206	Managing Network Environment I	3	_____
CIS	207	Computer Applications for Business	3	_____
CIS	209	Introduction to Cybercrimes	3	_____
ENG	101	English Composition I OR ENG 113 Professional Technical Writing*	3	_____
			<u>3</u>	_____
			19	_____

FIRST YEAR – SUMMER SEMESTER

Dept.	No.		Hrs.	Grade
PHL	121	Introduction to Logic	3	_____
IAI	Social & Behavioral Science Elective ²		3	_____
			<u>3</u>	_____
			6	_____

SECOND YEAR – FALL SEMESTER

Dept.	No.		Hrs.	Grade
CIS	216	Cloud Technology ¹	3	_____
CIS	219	Ethical Hacking ¹	3	_____
CRJ	209	Criminal Law	3	_____
ELT	214	A+ Preparation IT Technician	3	_____
CIS	229	Digital Forensics ¹	3	_____
			<u>3</u>	_____
			15	_____

SECOND YEAR – SPRING SEMESTER

Dept.	No.		Hrs.	Grade
CIS	213	Penetration Testing ¹	3	_____
CIS	231	VPNs and Firewalls	3	_____
CRJ	219	Criminal Procedure	3	_____
ELT	218	Intro to Network Technologies ¹	3	_____
COM	115	Speech OR COM 116 Speech Interpersonal Communication	3	_____
			<u>3</u>	_____
			15	_____

NOTES AND INFORMATION

Fall Only Courses: Spring Only Courses:

ELT 214	CRJ 209	CIS 231	CIS 213
CIS 229		CIS 209	
CIS 216		ELT 218	
CIS 219		CRJ 219	

*Requires a grade of "C" or higher.

¹ These courses have a prerequisite.

² PSY 132 is recommended.

³ Or any higher level MAT course

The minimum general education component for the Associate in Applied Science degree requires satisfactory completion of at least 15 semester credits of coursework distributed over the disciplines of Communications, Mathematics, Arts and Humanities, Physical and Life Sciences, and Social and Behavioral Sciences. The curriculum guide for each Associate in Applied Science degree program will spell out the course requirements or options available for satisfying the general education component. With appropriate justification and in consultation with your academic advisor, a request to substitute a course for one recommended in this guide may be granted with the appropriate approvals from the Department Chair, Dean for Instruction and Vice-President for Instruction. However, no substitutions are allowed in Groups I-III (General Education Component; GECC) of the curriculum guide (see the Associate in Applied Science general degree requirements worksheet in the John A. Logan College Catalog).

Students planning to transfer and pursue a baccalaureate degree should, when given a choice, enroll in the general education course that is IAI GECC approved and articulated with participating Illinois institutions.

Career Opportunities: This degree is for students that want to work in a computer forensics environment with electronic devices that may hold evidence that could be used in a court of law. The extent of the analyses could be as simple as a personal computer or as complex as a main server for a large corporation. Preparation for COMPTIA certifications can be obtained through this degree. Graduates will be qualified for careers in computer forensics in federal, state and local agencies, law enforcement organizations, and in the private sector.

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John A. Logan College

Associate in Applied Science Toward a Degree in Computer Information Systems

Career Curriculum CIS 0400
Minimum Hours: 62
Major Code: 1.2 110103
Effective Date: Fall 2020

FIRST YEAR – FALL SEMESTER

Dept.	No.		Hrs.	Grade
ORI	100	College 101	1	_____
CIS	200	Network Essentials	3	_____
CIS	206	Managing Network Environment I	3	_____
CIS	207	Computer Application for Business	3	_____
ENG	101	English Composition I ¹ OR ENG 113 Professional Technical Writing ¹	3	_____
MAT	120	Elementary Statistics or MAT 119 Elementary Statistics with Integrated Review OR BUS 111 Business Mathematics ⁴	<u>3</u> 16	_____

NOTES AND INFORMATION

Fall Only Courses: CIS 200 CIS 216
CIS 206 CIS 225

Spring Only Courses: CIS 209 CIS 231
CIS 220

*BUS 115 or equivalent is a recommended prerequisite for this program. Students who do not meet prerequisite should take BUS 115 their first semester of enrollment.

Students planning to capstone with SIU should follow the appropriate capstone curriculum guide.

FIRST YEAR – SPRING SEMESTER

Dept.	No.		Hrs.	Grade
ACC	100	Business Accounting OR ACC 200 Financial Accounting I	3	_____
CIS	120	Database Management	3	_____
CIS	208	Security Awareness	3	_____
CIS	209	Introduction to Cybercrimes	3	_____
CIS	230	Operating Systems	<u>3</u> 15	_____

¹ Requires a grade of "C" or higher.

² Students may choose electives from the following classes: CIS 213 Penetration Testing OR ELT 218 Introduction to Network Technologies

³ These courses have a prerequisite.

⁴ Or any higher level MAT course

The Computer Information Systems AAS (CIS 0400) is the parent program to:

- Computer Information Systems Certificate (CIS 0401)
- Computer Networking (CIS 1206)

SECOND YEAR – FALL SEMESTER

Dept.	No.		Hrs.	Grade
BUS	110	Introduction to Business	3	_____
CIS	104	Spreadsheet Design	3	_____
CIS	216	Cloud Technology ³	3	_____
CIS	171	Introduction to Scripting	4	_____
PHL	121	Introduction to Logic	<u>3</u> 16	_____

The minimum general education component for the Associate in Applied Science degree requires satisfactory completion of at least 15 semester credits of coursework distributed over the disciplines of Communications, Mathematics, Arts and Humanities, Physical and Life Sciences, and Social and Behavioral Sciences. The curriculum guide for each Associate in Applied Science degree program will spell out the course requirements or options available for satisfying the general education component. With appropriate justification and in consultation with your academic advisor, a request to substitute a course for one recommended in this guide may be granted with the appropriate approvals from the Department Chair, Dean for Instruction and Vice-President for Instruction. However, no substitutions are allowed in Groups I-III (General Education Component; GECC) of the curriculum guide (see the Associate in Applied Science general degree requirements worksheet in the John A. Logan College Catalog).

Students planning to transfer and pursue a baccalaureate degree should, when given a choice, enroll in the general education course that is IAI GECC approved and articulated with participating Illinois institutions.

SECOND YEAR – SPRING SEMESTER

Dept.	No.		Hrs.	Grade
CIS	220	Advanced Spreadsheet Design ³	3	_____
CIS	231	VPNs and Firewalls	3	_____
ECO	201	Introduction to Macroeconomics OR ECO 202 Introduction to Microeconomics	3	_____
COM	115	Speech OR COM 116 Interpersonal Communication	3	_____
	Elective ²		<u>3</u> 15	_____

Career Opportunities: This degree is for students that want to work in a computer environment and work with the computer applications as well as administer a network. This degree will concentrate more on computer applications and networking than on business office practices. Preparation for MOS certifications can be obtained through this degree. This degree will also capstone to SIU through Information Systems Technologies and Health Care Management.

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John A. Logan College

Associate in Applied Science

Toward a Degree in

Computer Support & Networking

Career Curriculum 00ELT3015
Minimum Hours: 62
Major Code: 1.2 470104
Effective Date: Fall 2020

FIRST YEAR – FALL SEMESTER

Dept.	No.		Hrs.	Grade
ORI	100	College 101	1	_____
CIS	200	Network Essentials	3	_____
CIS	206	Managing Network Environments I ²	3	_____
ELT	102	Basic Electricity and Wiring	4	_____
ELT	111	Digital Electronics I	3	_____
MAT	113	or MAT 112 Introduction to Contemporary Mathematics	<u>3</u> 17	_____

NOTES AND INFORMATION

Fall Only Courses:

CIS 216 ELT 111
ELT 102 ELT 214
ELT 215

Spring Only Courses:

CIS 213 ELT 200
ELT 112 ELT210
ELT 150 ELT218

¹ Requires a grade of "C" or higher.

² These courses have a prerequisite.

FIRST YEAR – SPRING SEMESTER

Dept.	No.		Hrs.	Grade
CIS	208	Security Awareness	3	_____
CIS	230	Operating Systems	3	_____
ELT	150	Applied Solid State Electronics	3	_____
ELT	112	Digital Electronics II	3	_____
PHY	121	Technical Physics	<u>3</u> 15	_____

³ Although this class is recommended, it is not required for graduation from this program and therefore is ineligible for Title IV financial aid funding.

The Computer Support and Networking Degree AAS (00ELT3015) is an ICCB approved extension of the Electronics Technology AAS Degree (00ELT3010) and is the parent program to:

- Information System Technician Certificate Program (ELT 0106)
- IST Computer Support and Networking, Information Systems Technology Capstone Option at SIUC AAS Degree Program (00ELT3022)

SECOND YEAR – FALL SEMESTER

Dept.	No.		Hrs.	Grade
CIS	216	Cloud Technology ¹	3	_____
ELT	214	A+ Preparation IT Technician	3	_____
ELT	215	IOT and Embedded Systems ¹	3	_____
ENG	101	English Composition I ¹ OR ENG 113 Professional Technical Writing	3	_____
COM	115	Speech OR COM116 Interpersonal Communication	<u>3</u> 15	_____

The minimum general education component for the Associate in Applied Science degree requires satisfactory completion of at least 15 semester credits of coursework distributed over the disciplines of Communications, Mathematics, Arts and Humanities, Physical and Life Sciences, and Social and Behavioral Sciences. The curriculum guide for each Associate in Applied Science degree program will spell out the course requirements or options available for satisfying the general education component. With appropriate justification and in consultation with your academic advisor, a request to substitute a course for one recommended in this guide may be granted with the appropriate approvals from the Department Chair, Dean for Instruction and Vice-President for Instruction. However, no substitutions are allowed in Groups I-III (General Education Component; GECC) of the curriculum guide (see the Associate in Applied Science general degree requirements worksheet in the John A. Logan College Catalog).

SECOND YEAR – SPRING SEMESTER

Dept.	No.		Hrs.	Grade
CIS	213	Penetration Testing ¹	3	_____
ECO	202	Introduction to Microeconomics	3	_____
ELT	200	Introduction to Microprocessors	3	_____
ELT	210	A+ Preparation Essentials	3	_____
ELT	218	Introduction to Network Technologies	<u>3</u> 15	_____

Students planning to transfer and pursue a baccalaureate degree should, when given a choice, enroll in the general education course that is IAI GECC approved and articulated with participating Illinois institutions.

Career Opportunities: Entry-level IT Technician, Entry-level IT Security, PC Repair Person, Wireless Network Administrator, Entry-Level Wireless Network Security Administrator, Entry-level Server Administrative Network Technician.

OPTIONAL:

INT 101 Internship 1-4 hours³

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Associate in Applied Science

Toward a Degree in

Construction Management Technology

Career Curriculum 00CMG0033
Minimum Hours: 70
Major Code: 1.2 522001
Effective Date: Fall 2019

FIRST YEAR – FALL SEMESTER

Dept.	No.		Hrs.	Grade
ORI	100	College 101	1	_____
CMG	100	Construction Orientation	1	_____
CMG	104	Building Layout	4	_____
CMG	110	Wood Frame Construction I	4	_____
ENG	101	English Composition I ¹ OR ENG 113 Professional Technical Writing ¹	3	_____
MAT	113	OR MAT 112 Introduction to Contemporary Mathematics OR MAT 100 Mathematics for Applied Technologies	3 16	_____

NOTES AND INFORMATION

¹ Must be completed with a "C" or higher.

² Business Electives: ACC 100, ACC 200, BUS 110, BUS 222, CIS 101, ECO 201, ECO 202

³ Although this class is recommended, it is not required for graduation from this program and therefore is ineligible for Title IV financial aid funding.

The minimum general education component for the Associate in Applied Science degree requires satisfactory completion of at least 15 semester credits of coursework distributed over the disciplines of Communications, Mathematics, Arts and Humanities, Physical and Life Sciences, and Social and Behavioral Sciences. The curriculum guide for each Associate in Applied Science degree program will spell out the course requirements or options available for satisfying the general education component. With appropriate justification and in consultation with your academic advisor, a request to substitute a course for one recommended in this guide may be granted with the appropriate approvals from the Department Chair, Dean for Instruction and Vice-President for Instruction. However, no substitutions are allowed in Groups I-III (General Education Component; GECC) of the curriculum guide (see the Associate in Applied Science general degree requirements worksheet in the John A. Logan College Catalog).

Students planning to transfer and pursue a baccalaureate degree should, when given a choice, enroll in the general education course that is IAI GECC approved and articulated with participating Illinois institutions.

FIRST YEAR – SPRING SEMESTER

Dept.	No.		Hrs.	Grade
CMG	105	Estimating Techniques	3	_____
CMG	107	Construction Document Interpretation	3	_____
CMG	108	Construction Materials	4	_____
CMG	111	Wood Frame Construction II	3	_____
IAI Social and Behavioral Science Elective			3	_____
COM	115	Speech OR COM 116 Interpersonal Communication	3 19	_____

Additional Information: Students interested in or pursuing an Associate in Applied Science (AAS) degree should investigate the Capstone Option and participating majors at SIUC. Individuals who apply and are approved for a degree program under Capstone are able to earn a bachelor's degree in just 60 semester credits beyond the AAS degree. The general education or University Core Curriculum requirement for majors under Capstone is set at 30 semester credits rather than 41.

One of the Capstone options available to Construction Management Technology degree holders is a major in Technical Resource Management (TRM) which can lead to a bachelor's degree with an emphasis in Construction Management.

SECOND YEAR – FALL SEMESTER

Dept.	No.		Hrs.	Grade
		Business Elective ²	3	_____
CMG	207	Construction Administration	2	_____
CMG	208	Processes in Estimating	3	_____
CMG	211	Commercial Construction	3	_____
CMG	220	Construction Scheduling	3	_____
PHY	121	Technical Physics	3 17	_____

For Capstone Option consideration and approval, candidates must submit a Capstone Option application along with the Undergraduate Admission application, must earn the AAS degree and must have an earned GPA of at least 2.5 (A= 4.0). Approval means that you can complete bachelor degree requirements in just 60 planned semester credits beyond the AAS degree.

Career Opportunities: Cost engineer; field engineer; project coordinator; construction manager; project manager; office engineer; scheduler; estimator; safety inspector.

SECOND YEAR – SPRING SEMESTER

Dept.	No.		Hrs.	Grade
CMG	209	Environmental Systems	3	_____
CMG	212	Construction Business Management	3	_____
CMG	215	Green Building in the 21 st Century	3	_____
CMG	218	CAD for Residential Construction	3	_____
CMG	221	Land Development	3	_____
CMG	226	Statics for Structures	3 18	_____

OPTIONAL

Dept.	No.		Hrs.	Grade
INT	101	Internship ³	1-3	_____

John A. Logan College reserves the right to modify this curriculum guide as needed. Please verify with your academic advisor the accuracy and time lines of this document.



John A. Logan College

Associate in Applied Science

Toward a Degree in

Cosmetology

Career Curriculum 00COS0007
Minimum Hours: 64.5
Major Code: 1.2 120401
Effective Date: Fall 2019

FIRST YEAR – FALL SEMESTER

Dept.	No.		Hrs.	Grade
ORI	100	College 101	1	_____
COS	101	Cosmetology Theory I	6	_____
COS	111	Cosmetology Laboratory I	<u>11</u>	_____
			18	

FIRST YEAR – SPRING SEMESTER

Dept.	No.		Hrs.	Grade
COS	102	Cosmetology Theory II	5	_____
COS	112	Cosmetology Laboratory II	<u>11</u>	_____
			16	

FIRST YEAR - SUMMER SEMESTER

Dept.	No.		Hrs.	Grade
ALH	101	Cardiopulmonary Resuscitation OR ALH 102 CPR Recertification**	.5-1	_____
COS	113	Cosmetology Lab III	3	_____
COS	114	Cosmetology Internship	<u>2</u>	_____
			5.5-6	

SECOND YEAR – FALL SEMESTER

Dept.	No.		Hrs.	Grade
ACC	100	Business Accounting	3	_____
PSC	131	American Government OR HIS 201 United States History I OR HIS 202 United States History II	3	_____
PSY	132	General Psychology	3	_____
COM	115	Speech	<u>3</u>	_____
			12	

SECOND YEAR – SPRING SEMESTER

Dept.	No.		Hrs.	Grade
BIO	100	Biology for Non-Science Majors	4	_____
CIS	207	Computer Applications	3	_____
ENG	101	English Composition I ^{1, 2}	3	_____
MAT	113	OR MAT 112 Introduction to Contemporary Mathematics ² OR MAT 120 Elementary Statistics ² OR BUS 111 Business Mathematics	<u>3</u>	_____
			13	

NOTES AND INFORMATION

* Or any higher math course.

** ALH 101 or 102 is a required course. No course substitutions are allowed.

¹ Requires a grade of "C" or higher.

² Recommended for transfer students. Students transferring to SIU-C's WED program must take ENG 101 and MAT 113 or MAT 120.

The minimum general education component for the Associate in Applied Science degree requires satisfactory completion of at least 15 semester credits of coursework distributed over the disciplines of Communications, Mathematics, Arts and Humanities, Physical and Life Sciences, and Social and Behavioral Sciences. The curriculum guide for each Associate in Applied Science degree program will spell out the course requirements or options available for satisfying the general education component. With appropriate justification and in consultation with your academic advisor, a request to substitute a course for one recommended in this guide may be granted with the appropriate approvals from the Department Chair, Dean for Instruction and Vice-President for Instruction. However, no substitutions are allowed in Groups I-III (General Education Component; GECC) of the curriculum guide (see the Associate in Applied Science general degree requirements worksheet in the John A. Logan College Catalog).

Students planning to transfer and pursue a baccalaureate degree should, when given a choice, enroll in the general education course that is IAI GECC approved and articulated with participating Illinois institutions.

Additional Information:

The Cosmetology Program is designed to give students thorough training in the arts, skills, and applied sciences that deal with adornment through care and treatment of the hair, nails, and skin.

The Cosmetology Program meets the standards of the Department of Financial and Professional Regulation-Division of Professional Regulation, State of Illinois, in total hours, teaching staff, equipment, facilities, library, and course content.

Graduates are prepared for licensure by the Department of Financial and Professional Regulation-Division of Professional Regulation, State of Illinois, upon passing the Illinois Cosmetology examination. This qualifies the graduate for employment and an Associate in Applied Science degree.

Career Opportunities: Cosmetologist, salon owner, salon manager, manicurist/pedicurist/nail technician, hairstylist/hair dresser, sales representative.

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John A. Logan College

Associate in Applied Science Toward a Degree in Criminal Justice

Career Curriculum CRJ0550
Minimum Hours: 67
Major Code: 1.2 430107
Effective Date: Fall 2019

FIRST YEAR – FALL SEMESTER

Dept.	No.		Hrs.	Grade
ORI	100	College 101	1	_____
ALH	101	Cardiopulmonary Resuscitation	1	_____
CRJ	103	Introduction to Criminal Justice	3	_____
CRJ	105	Criminal Behavior	3	_____
ENG	113	Professional Technical Writing ¹	3	_____
PSC	131	American Government	3	_____
Any IAI Science Elective			<u>3</u>	_____
			17	

FIRST YEAR – SPRING SEMESTER

Dept.	No.		Hrs.	Grade
CRJ	203	Introduction to Security	3	_____
CRJ	205	Survey of Crime Detection Methods	3	_____
LIT	284	Ethnic Literature in America OR HIS 101 Western Civilization I	3	_____
MAT	113	OR MAT 112 Introduction to Contemporary Mathematics OR MAT 100 Math for Applied Technologies ¹	3	_____
PSY	132	General Psychology	<u>3</u>	_____
			15	

FIRST YEAR – SUMMER SEMESTER

Dept.	No.		Hrs.	Grade
COM	115	Speech	<u>3</u>	_____
			3	

SECOND YEAR – FALL SEMESTER

Dept.	No.		Hrs.	Grade
CRJ	115	Policing	3	_____
CRJ	209	Criminal Law	3	_____
CRJ	218	Introduction to Corrections	3	_____
CRJ	223	Juvenile Justice	3	_____
SPN	101	Elementary Spanish I	<u>4</u>	_____
			16	

SECOND YEAR – SPRING SEMESTER

Dept.	No.		Hrs.	Grade
CIS	207	Computer Applications for Business OR CIS 209 Introduction to Cybercrimes ²	3	_____
CRJ	219	Criminal Procedure	3	_____
CRJ	220	Probation, Parole, and Community-Based Corrections, OR CRJ 222 Natural Resource Law Enforcement, OR CRJ 224H Terrorism and Homeland Security	3	_____
CRJ	221	Police Administration	<u>3</u>	_____
SPN	102	Elementary Spanish II	<u>4</u>	_____
			16	

SECOND YEAR – SUMMER SEMESTER (Optional)

Dept.	No.		Hrs.	Grade
CRJ	201	Criminal Justice Internship (Optional) ³	4	_____
CRJ	210	Introduction to Forensic Investigation (Optional) ³	<u>3</u>	_____
			7	

NOTES AND INFORMATION

*Or any higher math course.

*All core courses (CRJ) must be completed with a "C" or higher.

*Your transfer institution may have policy guidelines in place allowing community college students to transfer credits beyond the associate degree that apply toward fulfilling degree requirements. For example, some degree programs at SIUC will accept and apply up to 78 credits toward baccalaureate degree requirements. If you are planning to transfer to an Illinois IAI participating institution that accepts and applies credit beyond the AAS, consider selecting courses from the following that will fulfill the IAI Transferable General Education Core Curriculum (GECC). Communications: ENG 102; Mathematics: MAT 113; Humanities and Fine Arts: 3 credits of IAI Fine Arts electives and HIS 102; Social and Behavioral Sciences: SOC 133; Physical and Life Sciences: at least 7 credits are required with one course being a Life Science elective and one being a Physical Science Elective and one of the two must be a lab science course. Consult with a program advisor at your transfer institution to determine number of credits accepted and if your intended major requires any specific general education courses in the major you select.

¹ Requires a grade of "C" or higher.

² Spring only.

³ Although this class is recommended, it is not required for graduation from this program and therefore is ineligible for Title IV financial aid funding.

The minimum general education component for the Associate in Applied Science degree requires satisfactory completion of at least 15 semester credits of coursework distributed over the disciplines of Communications, Mathematics, Arts and Humanities, Physical and Life Sciences, and Social and Behavioral Sciences. The curriculum guide for each Associate in Applied Science degree program will spell out the course requirements or options available for satisfying the general education component. With appropriate justification and in consultation with your academic advisor, a request to substitute a course for one recommended in this guide may be granted with the appropriate approvals from the Department Chair, Dean for Instruction and Vice-President for Instruction. However, no substitutions are allowed in Groups I-III (General Education Component; GECC) of the curriculum guide (see the Associate in Applied Science general degree requirements worksheet in the John A. Logan College Catalog).

Students planning to transfer and pursue a baccalaureate degree should, when given a choice, enroll in the general education course that is IAI GECC approved and articulated with participating Illinois institutions.

Additional Information: The Criminal Justice A. A. S. degree program meets the objectives of students considering careers in policing, the courts, corrections, juvenile justice, and private security, as well as preparing students for transfer and maximizing articulation with baccalaureate programs in Administration of Justice, Criminal Justice, Police Science, etc.

Career Opportunities: Positions in law enforcement: Administrative Agencies (local, state, federal, natural resource); Courts (security, administration, probation); Corrections (local, state, federal, parole); Juvenile Justice (law enforcement, probation, corrections); Private Security (loss prevention, asset protection, investigations, human resources)

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John A. Logan College

Associate in Applied Science Toward a Degree in Cyber-Security/Information Assurance

Career Curriculum CIS 2015
Minimum Hours: 65
Major Code: 1.2 111003
Effective Date: Fall 2020

FIRST YEAR – FALL SEMESTER

Dept.	No.		Hrs.	Grade
ORI	100	College 101	1	_____
CIS	207	Computer Applications for Business	3	_____
CIS	170	CISCO I	5	_____
CIS	200	Network Essentials	3	_____
CIS	206	Managing Network Environment I	3	_____
MAT	120	Elementary Statistic OR MAT 119 Elementary Statistics with Integrated Review OR BUS 111 Business Mathematics	3 3	_____
			18	

FIRST YEAR – SPRING SEMESTER

Dept.	No.		Hrs.	Grade
CIS	208	Security Awareness	3	_____
CIS	230	Operating Systems	3	_____
CIS	270	CISCO II ¹	4	_____
ENG	113	Professional Technical Writing OR ENG 101 English Composition*	3	_____
Elective – Track 1 or Track 2 ³			3	_____
			16	

SECOND YEAR – FALL SEMESTER

Dept.	No.		Hrs.	Grade
CIS	171	Intro to Scripting	4	_____
CIS	216	Cloud Technology ¹	3	_____
CIS	219	Ethical Hacking ¹	3	_____
ELT	214	A+ Preparation IT Technician	3	_____
IAI Social and Behavioral Science Elective ² OR If following Track I: CIS 229			3 16	_____

SECOND YEAR – SPRING SEMESTER

Dept.	No.		Hrs.	Grade
CIS	213	Penetration Testing ¹	3	_____
CIS	231	Firewalls and VPN's ¹	3	_____
PHL	121	Introduction to Logic	3	_____
COM	115	Speech OR COM 116 Interpersonal Communication	3	_____
Elective – Track 1 or Track 2 ³ OR If following Track I: IAI Social & Behavioral Science Elective ²			3 15	_____

NOTES AND INFORMATION

Fall Only Courses:		Spring Only Courses:	
CIS 170	CIS 229	CIS 270	ELT 210
ELT 214		CIS 209*	ELT 218
CIS 216		CIS 213	
CIS 219		CIS 231	

*Course requires a grade of "C" or above

¹ These courses have a prerequisite.

² PSY 132 is recommended.

³ **Track 1 Electives** – CIS 209 – Introduction to Cybercrimes-spring only class, CIS 229 – Digital Forensics¹- fall only class. CIS 209* is prerequisite to CIS 229.

³ **Track 2 Electives** – ELT 210 – A+ Preparation Essentials, ELT 218 – Intro to Network Technologies. Both classes taught spring semesters only.

Note: Students planning on following Track 1 should take CIS 209 during the first year, spring semester and CIS 229 during the second year, fall semester. The IAI Social Science course may then be taken during the second year, spring semester.

The Cyber-Security/Information Assurance AAS Degree (CIS 2015) is an ICCB approved extension of the Computer Forensics AAS Degree (CIS 2012).

The minimum general education component for the Associate in Applied Science degree requires satisfactory completion of at least 15 semester credits of coursework distributed over the disciplines of Communications, Mathematics, Arts and Humanities, Physical and Life Sciences, and Social and Behavioral Sciences. The curriculum guide for each Associate in Applied Science degree program will spell out the course requirements or options available for satisfying the general education component. With appropriate justification and in consultation with your academic advisor, a request to substitute a course for one recommended in this guide may be granted with the appropriate approvals from the Department Chair, Dean for Instruction and Vice-President for Instruction. However, no substitutions are allowed in Groups I-III (General Education Component; GECC) of the curriculum guide (see the Associate in Applied Science general degree requirements worksheet in the John A. Logan College Catalog).

Students planning to transfer and pursue a baccalaureate degree should, when given a choice, enroll in the general education course that is IAI GECC approved and articulated with participating Illinois institutions.

Career Opportunities: This degree is for students that want to work in a small to medium size business environment with routers, firewalls, and VPN's managing develop security policies and design networks while keeping data secure. Preparation for COMPTIA, Net+, A+, CCENT and CCNA certifications can be obtained through this degree. Graduates will be qualified for careers in cybersecurity and information assurance in federal, state and local agencies, and the private sector.

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John A. Logan College

Associate in Applied Science

Toward a Degree in

Diagnostic Cardiac Sonography*

Career Curriculum 00DMS0017
Minimum Hours: 72
Major Code: 1.2 510910
Effective Date: Fall 2019

FALL SEMESTER

Dept.	No.		Hrs.	Grade
ORI	100	College 101	1	_____
ALH	110	Issues in Health and Patient Care	3	_____
ENG	101	English Composition	3	_____
Any IAI Math		OR MAT 108 College Algebra ³	<u>3-4</u>	_____
			10-11	

SPRING SEMESTER

Dept.	No.		Hrs.	Grade
ALH	112	Pathophysiology and Terminology ¹	3	_____
PHY	121	Technical Physics OR PHS 105 Physics for Non-Science Majors	3	_____
SOC	133	Principles of Sociology OR PSY 132 General Psychology	3	_____
COM	115	Speech OR COM 116 Interpersonal Communications	<u>3</u> 12	_____

**All of the above coursework must be completed before starting any
Diagnostic Cardiac Sonography Specialization.**

FIRST YEAR – FALL SEMESTER

Dept.	No.		Hrs.	Grade
DMS	104	Diagnostic Ultrasound Foundations ²	3	_____
DMS	202	Cardiac Anatomy and Physiology ²	4	_____
DMS	204	Cardiac Ultrasound Imaging/Lab I ²	6	_____
DMS	206	Cardiac Ultrasound Clinic I ²	<u>3</u>	_____
			16	

FIRST YEAR – SPRING SEMESTER

Dept.	No.		Hrs.	Grade
DMS	200	Medical Physics and Instrumentation	5	_____
DMS	224	Cardiac Ultrasound Imaging/Lab II	6	_____
DMS	226	Cardiac Ultrasound Clinic II	<u>6</u>	_____
			17	

FIRST YEAR – SUMMER SEMESTER

Dept.	No.		Hrs.	Grade
DMS	236	Cardiac Ultrasound Clinic III	<u>5</u>	_____
			5	

SECOND YEAR – FALL SEMESTER

Dept.	No.		Hrs.	Grade
DMS	230	Cardiac Seminar	2	_____
DMS	246	Cardiac Ultrasound Clinic IV	<u>10</u>	_____
			12	

NOTES AND INFORMATION

*Students must maintain a grade of "C" or higher in all courses.

*Students must be certified for CPR at the start of the program and remain certified throughout the program.

¹ BIO 206 is a prerequisite or concurrent enrollment to ALH 112 recommend for Fall Semester. No prior credit will be given for BIO 206 Human Anatomy and Physiology II if this course was completed more than 5 years prior to program admittance or if the earned grade was lower than a "C." If a student elects to complete BIO 206 prior to beginning the program, it will fulfill the UCC Life Science Group II course requirement for the SIU-C articulation agreement.

² Students not meeting the minimum course requirements for DMS 104, DMS 200, DMS 202, DMS 204, DMS 206, DMS 224, and DMS 226 are required to enroll in 6DMS 230, Skill Enhancement, and 6DMS 232, Skill Enhancement. These courses are not required for graduation from this program and therefore are ineligible for Title IV Financial Aid funding.

³ Students interested in pursuing Radiologic Sciences (Medical Sonography) at SIU should consider MAT 120, articulated substitute for HCM 365.

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Students planning to transfer and pursue a baccalaureate degree should, when given a choice, enroll in the general education course that is IAI GECC approved and articulated with participating Illinois institutions.

Career Opportunities: Sonographers can choose to work in clinics, hospitals, private practice physician offices, public health facilities, laboratories, and other medical settings performing examinations in their areas of specialization. Career advancement opportunities exist in education, administration, research, and in commercial companies as education/application specialists, sales representatives, and technical advisors.

The Diagnostic Cardiac Sonography Program is accredited by:

Commission on Accreditation of Allied Health Education Programs (CAAHEP)
25400 U.S. Highway 19 North
Suite 158
Clearwater, FL 33763

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Associate in Applied Science

Toward a Degree in

Early Childhood Education**

Career Curriculum ECE0005
 Minimum Hours: 64
 Major Code: 1.2 190709
 Effective Date: Fall 2019

FIRST YEAR – FALL SEMESTER

Dept.	No.		Hrs.	Grade
ORI	100	College 101	1	_____
ECE	150	Infancy Development	3	_____
ECE	151	Health, Safety, and Nutrition	3	_____
ECE	160	Child, Growth, and Development	3	_____
ECE	161	Early Childhood Practicum ²	1	_____
ECE	272	Language and Literacy Development	3	_____
PSY	132	General Psychology	<u>3</u>	_____
			17	

FIRST YEAR – SPRING SEMESTER

Dept.	No.		Hrs.	Grade
ALH	101	Cardiopulmonary Resuscitation	1	_____
ECE	120	Guiding Play and Learning	3	_____
ECE	220	Infant Toddler Curriculum	3	_____
ECE	265	Early Childhood Curriculum	3	_____
ENG	101	English Composition I	3	_____
PSY	262	Child Psychology	<u>3</u>	_____
			16	

SECOND YEAR – FALL SEMESTER

Dept.	No.		Hrs.	Grade
ECE	260	Child, Family, and Community	3	_____
ECE	267	Child Care Laboratory	5	_____
LIT	264	Literature for Children	3	_____
MAT	120	OR MAT 119 Elementary Statistics* ¹ OR MAT 108 College Algebra ¹ OR BUS 111 Business Mathematics	3-4	_____
COM	115	Speech	<u>3</u>	_____
			17-18	

SECOND YEAR – SPRING SEMESTER

Dept.	No.		Hrs.	Grade
ECE	240	Observation and Assessment	3	_____
ECE	245	The Exceptional Child	3	_____
ECE	266	Pre-School Administration	3	_____
ECE	268	Child Care Laboratory	<u>5</u>	_____
			14	

NOTES AND INFORMATION

*Or any higher math course.

**All courses require a grade of "C" or higher.

¹ Recommended for transfer students.

² Prerequisite: ECE 160, Minimum Grade: C or **Concurrent enrollment in ECE 160**

The Early Childhood Education AAS Degree Program (ECE 0005) is the parent program to:

- Early Childhood Education Director's Credential Certificate Program (00CHC0018)
- Family Child Care Certificate Program (ECE 0006)

Students completing the program will also earn IL Gateways to Opportunity, Infant Toddler Credential.

The minimum general education component for the Associate in Applied Science degree requires satisfactory completion of at least 15 semester credits of coursework distributed over the disciplines of Communications, Mathematics, Arts and Humanities, Physical and Life Sciences, and Social and Behavioral Sciences. The curriculum guide for each Associate in Applied Science degree program will spell out the course requirements or options available for satisfying the general education component. With appropriate justification and in consultation with your academic advisor, a request to substitute a course for one recommended in this guide may be granted with the appropriate approvals from the Department Chair, Dean for Instruction and Vice-President for Instruction. However, no substitutions are allowed in Groups I-III (General Education Component; GECC) of the curriculum guide (see the Associate in Applied Science general degree requirements worksheet in the John A. Logan College Catalog).

Students planning to transfer and pursue a baccalaureate degree should, when given a choice, enroll in the general education course that is IAI GECC approved and articulated with participating Illinois institutions.

Additional Information: Graduates of this two-year Early Childhood Education Program will be trained to provide education and care for children in public and private child care settings to include the following: maintaining a safe and healthy learning environment; providing experiences to promote physical, intellectual, social/emotional, and language/literacy development; using positive guidance/discipline strategies; establishing positive and productive relationships with families; and operating a well-run program for children that adheres to legal requirements and a professional code of ethics.

Career Opportunities: Director, assistant director, lead teacher, teacher, and an assistant in child care programs, Head Start, and school-age programs. Also qualified to be a parent educator and coordinator, child development specialist, work in social service programs, Even Start programs, and Child Care Resource and Referral. Teacher aide and assistant, school office assistant, school library assistant, playground assistant in grades Pre-K through twelve. Graduates of this program are also qualified to own and operate child care centers.

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Associate in Applied Science

Toward a Degree in

Electrical Engineering Technology

Career Curriculum ELT3012
Minimum Hours: 69
Major Code: 1.2 150303
Effective Date: Fall 2019

FIRST YEAR – FALL SEMESTER

Dept.	No.		Hrs.	Grade
ORI	100	College 101	1	_____
ELT	102	Basic Electricity and Wiring	4	_____
ELT	111	Digital Electronics I	3	_____
ENG	101	English Composition 1 ¹ OR ENG 113 Professional Technical Writing ¹	3	_____
MAT	111	Pre-Calculus	5	_____
MFT	103	Industrial Robots and PLCs	3	_____
			18	

NOTES AND INFORMATION

*Completion of MAT 201 is recommended prior to transfer to SIU-C.

¹ Requires a grade of "C" or higher.

Fall only courses: Spring only courses:

ELT 102	ELT 103	ELT 224
ELT 111	ELT 150	
ELT 151	ELT 112	
ELT 214	ELT 218	
MFT 103	ELT 200	
ELT 215	ELT 220	

FIRST YEAR – SPRING SEMESTER

Dept.	No.		Hrs.	Grade
ELT	103	Applied DC/AC Circuits	4	_____
ELT	112	Digital Electronics II	3	_____
ELT	150	Applied Solid State Electronics	3	_____
MAT	131	Calculus I	5	_____
Social or Behavioral Science Elective			3	_____
			18	

The Electrical Engineering Technology AAS Degree (ELT 3012) is an ICCB approved extension of the Electronics Technology AAS Degree (00ELT3010).

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SECOND YEAR – FALL SEMESTER

Dept.	No.		Hrs.	Grade
ELT	151	Applied Solid State Circuits	3	_____
ELT	214	A+ Preparation IT Technician	3	_____
ELT	215	IOT and Embedded Systems	3	_____
PHY	155	College Physics I	5	_____
COM	115	Speech OR COM 116 Interpersonal Communication	3 17	_____

Students planning to transfer and pursue a baccalaureate degree should, when given a choice, enroll in the general education course that is IAI GECC approved and articulated with participating Illinois institutions.

SECOND YEAR – SPRING SEMESTER

Dept.	No.		Hrs.	Grade
ELT	200	Introduction to Microprocessors	3	_____
ELT	218	Introduction to Network Technologies	3	_____
ELT	220	Linear Integrated Circuits	3	_____
ELT	224	Power Distribution and Motors	3	_____
ENG	102	English Composition II ¹ OR BUS 235 Business Communication	3 15	_____

Career Opportunities: The graduate in Electronics Engineering Technology will be prepared for entry-level careers in areas such as: Product development and support Technician, Field engineering/service Technician, Test Engineering Technician, Technical documentation, Technical sales/marketing, Telecommunications and wireless systems development and support, Research and development, Quality assurance, Technical documentation.

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Associate in Applied Science

Toward a Degree in

Electronics Technology

Career Curriculum 00ELT3010
Minimum Hours: 65
Major Code: 1.2 150303
Effective Date: Fall 2019

FIRST YEAR – FALL SEMESTER

Dept.	No.		Hrs.	Grade
ORI	100	College 101	1	_____
ELT	102	Basic Electricity and Wiring	4	_____
ELT	111	Digital Electronics I	3	_____
MAT	113	OR MAT 112 Introduction to Contemporary Mathematics	3	_____
COM	115	Speech OR COM 116 Interpersonal Communication	3	_____
MFT	103	Industrial Robots and PLCs	3	_____
			<u>3</u>	
			17	

FIRST YEAR – SPRING SEMESTER

Dept.	No.		Hrs.	Grade
ELT	103	Applied DC/AC Circuits	4	_____
ELT	104	Introduction to VFDs	2	_____
ELT	112	Digital Electronics II	3	_____
ELT	150	Applied Solid State Electronics	3	_____
MFT	201	PLC Manufacturing Systems	3	_____
			<u>3</u>	
			15	

SECOND YEAR – FALL SEMESTER

Dept.	No.		Hrs.	Grade
ELT	151	Applied Solid State Circuits	3	_____
ELT	214	A+ Preparation IT Technician	3	_____
ELT	215	IOT and Embedded Systems	3	_____
ENG	101	English Composition I ¹ OR ENG 113 Professional Technical Writing ¹	3	_____
PSC	131	American Government OR HIS 201 United States History I OR HIS 202 United States History II	3	_____
			<u>3</u>	
			15	

SECOND YEAR – SPRING SEMESTER

Dept.	No.		Hrs.	Grade
ELT	218	Introduction to Network Technologies	3	_____
ELT	210	A+ Preparation Essentials	3	_____
ELT	200	Introduction to Microprocessors	3	_____
ELT	220	Linear Integrated Circuits	3	_____
ELT	224	Power Distribution and Motors	3	_____
PHY	121	Technical Physics	3	_____
			<u>3</u>	
			18	

NOTES AND INFORMATION

¹ Requires a grade of "C" or higher.

<u>Fall only courses:</u>		<u>Spring only courses:</u>	
ELT 102	ELT 236	ELT 103	ELT 210
ELT 111	ELT 151	ELT 104	ELT 224
ELT 214	ELT 270	ELT 150	MFT 201
		MFT 103	

The Electronics Technology AAS Degree (00ELT3010) is the parent program to:

- Computer Support and Networking (00ELT3015)
- Electrical Engineering Technology AAS Degree (ELT 3012)
- Industrial Maintenance Engineering AAS Degree (00ELT3012)

Service Course: ELT 240 FCC General Class License Preparation. This course is designed to help prepare the student to take the General Radio Telephone Operator's Exam.

The minimum general education component for the Associate in Applied Science degree requires satisfactory completion of at least 15 semester credits of coursework distributed over the disciplines of Communications, Mathematics, Arts and Humanities, Physical and Life Sciences, and Social and Behavioral Sciences. The curriculum guide for each Associate in Applied Science degree program will spell out the course requirements or options available for satisfying the general education component. With appropriate justification and in consultation with your academic advisor, a request to substitute a course for one recommended in this guide may be granted with the appropriate approvals from the Department Chair, Dean for Instruction and Vice-President for Instruction. However, no substitutions are allowed in Groups I-III (General Education Component; GECC) of the curriculum guide (see the Associate in Applied Science general degree requirements worksheet in the John A. Logan College Catalog).

Students planning to transfer and pursue a baccalaureate degree should, when given a choice, enroll in the general education course that is IAI GECC approved and articulated with participating Illinois institutions.

Additional Information: This two-year program is designed to provide a thorough understanding of DC/AC fundamentals, solid state electronics, digital electronics, microprocessor operations, and industrial electronics. Upon completion of this program, the student will be awarded an associate degree in electronics technology. For students entering the program with prior education or on-the-job experience, it is possible to test out of the basic courses. For additional information, students should see their advisor or the chairperson of the Division of Applied Technologies.

Because the electronics curriculum has been articulated with the College of Engineering and Technology at SIU, a graduate of this program has the option of seeking employment directly after graduation or transferring to SIU to pursue a B. S.

Career Opportunities: The Electronics Technician has career opportunities in many entry-level areas such as: Electronic equipment installation and repair, Maintenance Technician, Broadcast Communications Technician, System Technician, Plant Technician, Telephone Technician, Fiber Optic Technician, Telecommunications Technician and Technical Report Writers. The typical job related activities may involve assembly, installation, maintenance, testing, troubleshooting and repair.

John A. Logan College reserves the right to modify this curriculum guide as needed. Please verify with your academic advisor the accuracy and time lines of this document.



John A. Logan College

Associate in Applied Science Toward a Degree in Emergency Medical Services

Career Curriculum EMS0101
Minimum Hours: 66
Major Code: 1.2 510904
Effective Date: Fall 2020

FIRST YEAR – FALL SEMESTER

Dept.	No.		Hrs.	Grade
ORI	100	College 101	1	_____
BIO	205	Human Anatomy and Physiology I	4	_____
EMS	250	Paramedic I	<u>12</u>	_____
			17	

FIRST YEAR – SPRING SEMESTER

Dept.	No.		Hrs.	Grade
EMS	251	Paramedic II	9	_____
EMS	251A	Paramedic II Clinical	<u>3</u>	_____
			12	

FIRST YEAR – SUMMER SEMESTER

Dept.	No.		Hrs.	Grade
EMS	252	Paramedic III	9	_____
EMS	252A	Paramedic III Clinical	<u>3</u>	_____
			12	

SECOND YEAR – FALL SEMESTER

Dept.	No.		Hrs.	Grade
EMS	253	Paramedic IV	9	_____
EMS	253A	Paramedic IV Clinical	<u>3</u>	_____
			12	

SECOND YEAR – SPRING SEMESTER

Dept.	No.		Hrs.	Grade
BIO	206	Human Anatomy and Physiology II	4	_____
ENG	101	English Composition ¹ OR ENG 113 Professional & Technical Writing ¹	3	_____
MAT	113	OR MAT 112 Introduction to Contemporary Mathematics ² OR MAT 104 Mathematics for Allied Health [*]	3	_____
COM	115	Speech ² OR COM 116 Interpersonal Communication	<u>3</u>	_____
			13	

NOTES AND INFORMATION

- Prior to entrance into the EMS Program:
Students must successfully complete EMT 111. American Heart Association Basic Life Support Cardiopulmonary Resuscitation is the prerequisite for EMT 111.
Students must hold a current Illinois EMT-Basic (EMT-B) or (EMT-Intermediate (EMT-I) license. Upon successful completion of EMT 253 the student will be eligible for Illinois paramedic licensing examination.

* Or any higher math course.

¹ Requires a grade of "C" or higher.

² Recommended for transfer students.

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Students planning to transfer and pursue a baccalaureate degree should, when given a choice, enroll in the general education course that is IAI GECC approved and articulated with participating Illinois institutions.

Career Opportunities: Graduates of the program are qualified to take the State Certification Examination which is required for paramedic licensure in the state of Illinois. Licensed paramedics have employment opportunities in hospitals, ambulance services, fire departments, colleges and within various governmental programs.

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Associate in Applied Science

Toward a Degree in Graphic Design

Career Curriculum GRD2004
Minimum Hours: 65
Major Code: 1.2 500409
Effective Date: Fall 2019

FIRST YEAR – FALL SEMESTER

Dept.	No.		Hrs.	Grade
ORI	100	College 101	1	_____
ART	101	Two Dimensional Design	3	_____
ART	180	Drawing I	3	_____
CIS	207	Computer Applications for Business	3	_____
ENG	101	English Composition I ¹ OR ENG 113 Professional Technical Writing ¹	3	_____
GRD	110	Graphics Design I	5	_____
			18	

NOTES AND INFORMATION

¹ Requires a grade of "C" or higher.

² Electives to choose from: ART 205, ART 256, ART 297, BUS 110, BUS 235, BUS 222, CIS 105, CIS 208

The Graphic Design AAS Degree (GRD 2004) is the parent program to:
 • Graphics Design Certificate Program (GRD 0005)

The minimum general education component for the Associate in Applied Science degree requires satisfactory completion of at least 15 semester credits of coursework distributed over the disciplines of Communications, Mathematics, Arts and Humanities, Physical and Life Sciences, and Social and Behavioral Sciences. The curriculum guide for each Associate in Applied Science degree program will spell out the course requirements or options available for satisfying the general education component. With appropriate justification and in consultation with your academic advisor, a request to substitute a course for one recommended in this guide may be granted with the appropriate approvals from the Department Chair, Dean for Instruction and Vice-President for Instruction. However, no substitutions are allowed in Groups I-III (General Education Component; GECC) of the curriculum guide (see the Associate in Applied Science general degree requirements worksheet in the John A. Logan College Catalog).

Students planning to transfer and pursue a baccalaureate degree should, when given a choice, enroll in the general education course that is IAI GECC approved and articulated with participating Illinois institutions.

FIRST YEAR – SPRING SEMESTER

Dept.	No.		Hrs.	Grade
GRD	120	Graphics Design II	5	_____
IAI	Social and Behavioral Science Elective		3	_____
MAT	113	OR MAT 112 Introduction to Contemporary Mathematics OR MAT 100 Mathematics for Applied Technologies OR MAT 119 OR MAT 120 Elementary Statistics	3	_____
COM	115	Speech OR COM 116 Interpersonal Communication	3 14	_____

FIRST YEAR – SUMMER SEMESTER (OPTIONAL-NOT REQUIRED)

Dept.	No.		Hrs.	Grade
INT	101	Internship	1-3 3	_____

Career Opportunities: The program will prepare graduates to enter the profession of Graphic Design in print shops, magazine companies, newspaper companies, television stations and other related industries. The needs for each company varies, but graphic designer's responsibilities may include the creation of graphics, photography, animation, page setup, layout, logo design, and web page design. The program is geared toward students desiring a career in graphics design, dislocated workers and incumbent workers desiring to upgrade their existing skills, as well as students with interest in artistic expression.

Beginning salaries are comparable to other technical careers with the possibility of advancement within a particular company. A job placement service is provided for all John A. Logan College graduates to help students find employment.

SECOND YEAR – FALL SEMESTER

Dept.	No.		Hrs.	Grade
ART	220	History of Art I OR ART 291 History of Photography	3	_____
ART	290	Computer Art I	3	_____
ART	296	Photography I	3	_____
		Elective ²	3	_____
GRD	210	Graphics Design III	5	_____
			17	

SECOND YEAR – SPRING SEMESTER

Dept.	No.		Hrs.	Grade
ART	292	Computer Art II	3	_____
ART	293	Art Preparation and Portfolio	1	_____
		Elective ²	3	_____
GRD	220	Animation	3	_____
GRD	230	Video Production	3	_____
MKT	224	Advertising	3	_____
			16	

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John A. Logan College

Associate in Applied Science

Toward a Degree in

Heating and Air Conditioning

Career Curriculum HAC0095
Minimum Hours: 70
Major Code: 1.2 470201C
Effective Date: Fall 2019

FIRST YEAR – FALL SEMESTER

Dept.	No.		Hrs.	Grade
HAC	102	Residential Electrical Wiring	4	_____
HAC	121	Heating I	4	_____
HAC	140	Weatherization	3	_____
MAT	113	Introduction to Contemporary Mathematics OR MAT 100 Mathematics for Applied Technologies OR MAT 120 Elementary Statistics	3	_____
ORI	100	College 101	1	_____
WEL	150	Oxy-Acetylene Fusion Welding I	1	_____
WEL	152	Brazing and Soldering	1	_____
			17	

NOTES AND INFORMATION

<u>Fall Only Courses:</u>		<u>Spring Only Courses:</u>	
HAC 102	HAC 105	HAC 142	
HAC 106	HAC 107	HAC 207	
HAC 121	HAC 122	HAC 224	
HAC 132	HAC 131	HAC 279	
HAC 140			
HAC 222			
HAC 240			

¹ Requires a grade of "C" or higher.

² Although this class is recommended, it is not required for graduation from this program and therefore is ineligible for Title IV financial aid funding.

FIRST YEAR – SPRING SEMESTER

Dept.	No.		Hrs.	Grade
ENG	101	English Composition I ¹ OR ENG 113 Professional Technical Writing ¹	3	_____
HAC	105	Basic Sheet Metal Layout	3	_____
HAC	107	Electrical Controls and Circuitry	3	_____
HAC	122	Heating II	4	_____
HAC	131	Refrigeration & Air Conditioning I	4	_____
			17	

The Heating and Air Conditioning Degree Program (HAC0095) is the parent program to:

- Heating and Air Conditioning Certificate Program (HAC 0006)

The minimum general education component for the Associate in Applied Science degree requires satisfactory completion of at least 15 semester credits of coursework distributed over the disciplines of Communications, Mathematics, Arts and Humanities, Physical and Life Sciences, and Social and Behavioral Sciences. The curriculum guide for each Associate in Applied Science degree program will spell out the course requirements or options available for satisfying the general education component. With appropriate justification and in consultation with your academic advisor, a request to substitute a course for one recommended in this guide may be granted with the appropriate approvals from the Department Chair, Dean for Instruction and Vice-President for Instruction. However, no substitutions are allowed in Groups I-III (General Education Component; GECC) of the curriculum guide (see the Associate in Applied Science general degree requirements worksheet in the John A. Logan College Catalog).

Students planning to transfer and pursue a baccalaureate degree should, when given a choice, enroll in the general education course that is IAI GECC approved and articulated with participating Illinois institutions.

Additional Information: This program prepares students for careers in the heating and air conditioning industry. The curriculum provides theory as well as sufficient laboratory experience to prepare graduates for immediate employment. Students will be trained for competency in installing, operating, troubleshooting, and maintaining all types of environmental control equipment. The graduate will receive an AAS degree.

All students registered for heating and air conditioning classes will be required to furnish a basic tool set. The basic tool set will be necessary by the beginning of the fifth week of the semester. The set includes the following:

- | | | |
|--|--|---|
| <p>Nutdrivers</p> <ul style="list-style-type: none"> • Nutdriver ND5 ¼" • Nutdriver ND7 5/16" • Manifold Gauge Set | <p>Pliers</p> <ul style="list-style-type: none"> • 7" Diagonal Pliers • 7 ½" Longnose Pliers • 6" Slip Joint Pliers • ARC Joint 9-1/2" Pliers | <p>Screwdrivers</p> <ul style="list-style-type: none"> • Phillips Stubby Screwdriver • #2 x 4" Phillips Screwdriver • Flat Stubby Screwdriver • 3/16" x 6" Slotted Screwdriver • 5/16" x 6" Slotted |
|--|--|---|

FIRST YEAR – SUMMER SEMESTER (OPTIONAL)

Dept.	No.		Hrs.	Grade
INT	101	Internship ²	1-3	_____
			1-3	

SECOND YEAR – FALL SEMESTER

Dept.	No.		Hrs.	Grade
CMG	107	Construction Document Interpretation	3	_____
HAC	106	Advanced Sheet Metal Layout	2	_____
HAC	132	Refrigeration and Air Conditioning II	4	_____
HAC	222	Advanced Heating Systems	3	_____
HAC	240	Installation of HVAC Systems	3	_____
IAI Social & Behavioral Science Elective			3	_____
			18	

SECOND YEAR – SPRING SEMESTER

Dept.	No.		Hrs.	Grade
HAC	142	Commercial Refrigeration	4	_____
HAC	207	Advanced Controls and Circuitry	3	_____
HAC	224	Geothermal Systems	3	_____
HAC	279	ICE Testing	2	_____
IAI Physical/Life Science OR IAI Humanities/Fine Arts Elective			3	_____
COM	115	Speech OR COM 116 Interpersonal Communication	3	_____
			18	

Sockets

- 1/4" Socket Set
- 3/8" Socket Set

Wrenches

- 6" Adjustable Wrench
- 8" Adjustable Wrench
- 10" Adjustable Wrench
- 12" Adjustable Wrench
- Hex Wrench Set
- Service Valve Wrench

Additional Tools

- Wire Strippers
- AW Sperry SPR Clamp-On Amp Meter
- UEI M110A Multimeter
- Pocket Thermometer
- Inspection Mirror
- Sling Psychrometer
- Red and Green Tin Snips
- Tinners Hammer
- Dividers

Note: Costs of supplies vary by supplier. Tools may be purchased at Sears, Snap-On, True Value, etc.

The Heating & Air Condition Program is accredited by the:

Partnership of Air Conditioning, Heating, and Refrigeration Accreditors (PAHRA)

2111 Wilson Blvd., Suite 500
Arlington, VA 22201-3001

Career Opportunities: Technician, installer, maintenance, service manager, self-employment.

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John A. Logan College

Associate in Applied Science

Toward a Degree in

Industrial Maintenance

Career Curriculum IDM000069
Minimum Hours: 72
Major Code: 1.2 470303C
Effective Date: Fall 2019

FIRST YEAR – FALL SEMESTER

Dept.	No.		Hrs.	Grade
ORI	100	College 101	1	_____
CMG	110	Wood Frame Construction I	4	_____
ELT	102	Basic Electricity and Wiring	4	_____
HAC	121	Heating I	4	_____
MAT	113	OR MAT 112 Introduction to Contemporary Mathematics OR MAT 100 Mathematics for Applied Technologies OR MAT 119 OR MAT 120 Elementary Statistics	3	_____
COM	115	Speech OR COM 116 Interpersonal Communication	3	_____
			19	

NOTES AND INFORMATION

<u>Fall Only Courses:</u>		<u>Spring Only Courses:</u>	
ELT 102	HAC 121	ELT 150	HAC 131
HAC 132	IDM 210	ELT 224	IDM 120
MFT 103			MFT 201

Requires a grade of "C" or higher.

² Although this class is recommended, it is not required for graduation from this program and therefore is ineligible for Title IV financial aid funding.

FIRST YEAR – SPRING SEMESTER

Dept.	No.		Hrs.	Grade
ELT	150	Applied Solid State Electronics	4	_____
HAC	131	Refrigeration and Air Conditioning I	4	_____
IDM	120	Safety and Environmental Management	2	_____
IAI Social and Behavioral Science Elective			3	_____
WEL	201	Industrial Maintenance Welding Lab	6	_____
			19	

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SECOND YEAR – FALL SEMESTER

Dept.	No.		Hrs.	Grade
CMG	107	Construction Document Interpretation	3	_____
IDM	210	Hydraulics & Pneumatics	3	_____
HAC	132	Refrigeration and Air Conditioning II	4	_____
MAC	200	Machine Tool Lab	4	_____
MFT	103	Industrial Robots & PLCs	3	_____
			17	

Students planning to transfer and pursue a baccalaureate degree should, when given a choice, enroll in the general education course that is IAI GECC approved and articulated with participating Illinois institutions.

All students in this program will be required to furnish a basic tool set. The set includes the following:

- | | |
|---------------------------|---------------------------------|
| Screwdrivers | Pliers |
| • #2 Phillips Screwdriver | • Needle Nose Pliers |
| • ¼" Standard Screwdriver | • Side Cutter (Diagonal) Pliers |
| | • Lineman's Pliers |

- Additional Tools**
- Pocket Knife for Stripping Cable (Lock-Back) or Cable Stripper
 - Wire Strippers
 - Digital Multimeter (DMM) - must measure volts, ohms, and milli-amps

Note: Cost varies from different suppliers.

Career Opportunities: Industrial Maintenance/repair position, facilities maintenance

SECOND YEAR – SPRING SEMESTER

Dept.	No.		Hrs.	Grade
DRT	185	Computer Graphics I	2	_____
ELT	224	Power Distribution and Motors	3	_____
ENG	101	English Composition I ¹ OR ENG 113 Professional Technical Writing ¹	3	_____
HAC	107	Electrical Controls and Circuitry	3	_____
MFT	201	PLC Manufacturing Systems	3	_____
IAI Physical/Life Science or IAI Humanities/ Fine Arts Elective			3-5	_____
			17	

SECOND YEAR – SUMMER SEMESTER- OPTIONAL

Dept.	No.		Hrs.	Grade
INT	101	Internship ² OR PSY 110 College Success and Career Planning ²	1-3	_____

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John A. Logan College

Associate in Applied Science Toward a Degree in Industrial Maintenance Engineering

Career Curriculum 00ELT3012

Minimum Hours: 68

Major Code: 1.2 150612C

Effective Date: Fall 2019

FIRST YEAR – FALL SEMESTER

Dept.	No.		Hrs.	Grade
ORI	100	College 101	1	_____
ELT	102	Basic Electricity and Wiring	4	_____
ELT	111	Digital Electronics I	3	_____
MAT	111	Pre-Calculus	5	_____
MFT	103	Industrial Robots & PLCs	3	_____
ENG	101	English Composition I ² OR ENG 113 Professional Technical Writing ²	3 19	_____

NOTES AND INFORMATION

¹Although this class is recommended, it is not required for graduation from this program and therefore is ineligible for Title IV financial aid funding.

² Requires a grade of "C" or higher.

Fall only courses: Spring only courses:

ELT 102	ELT 214	ELT 103	IDM 120
ELT 111		ELT 104	MFT 201
ELT 151		ELT 150	ELT 218
IDM 210		ELT 224	
MFT 103		ELT 220	

FIRST YEAR – SPRING SEMESTER

Dept.	No.		Hrs.	Grade
ELT	103	Applied DC/AC Circuits	4	_____
ELT	104	Introduction to VFDs	2	_____
ELT	112	Digital Electronics II	3	_____
ELT	150	Applied Solid State Electronics	3	_____
MFT	201	PLC Manufacturing Systems	3	_____
PSY	132	General Psychology	3 18	_____

The Industrial Maintenance Engineering AAS Degree (00ELT3012) is an ICCB approved extension of the Electronics Technology AAS Degree (00ELT3010) and is the parent program to:

- Industrial PLC Systems Certificate (00ELT3013)

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OPTIONAL

FIRST YEAR – SUMMER SEMESTER

Dept.	No.		Hrs.	Grade
INT	101	Internship ¹	1-4	_____

SECOND YEAR – FALL SEMESTER

Dept.	No.		Hrs.	Grade
ELT	151	Applied Solid State Circuits	3	_____
ELT	214	A+ Preparation IT Technician	3	_____
IDM	210	Hydraulics & Pneumatics	3	_____
PHY	155	College Physics I	5 14	_____

Career Opportunities: Industrial Maintenance Engineering technicians solve technical problems in research and development, manufacturing, sales, construction, inspection, and maintenance. In manufacturing, the Industrial Maintenance Engineering technician many assist engineers and scientists, especially in research and development. Duties many include quality control, inspecting products and processes, conducting tests, repairing and maintaining of industrial equipment or collecting data.

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SECOND YEAR – SPRING SEMESTER

Dept.	No.		Hrs.	Grade
ELT	218	Introduction to Network Technologies	3	_____
ELT	220	Linear Integrated Circuits	3	_____
ELT	224	Power Distribution and Motors	3	_____
IDM	120	Safety & Environmental Management	2	_____
MAC	180	Blue Print Reading	3	_____
COM	115	Speech OR COM 116 Interpersonal Communication	3 17	_____



John A. Logan College

Associate in Applied Science Interpreter Preparation

Career Curriculum IPP0093
Minimum Hours: 70
Major Code: 1.2 161603
Effective Date: Fall 2020

FIRST YEAR – FALL SEMESTER

Dept.	No.		Hrs.	Grade
ORI	100	College 101	1	_____
ENG	101	English Composition I ²	3	_____
ASL	141	American Sign Language (ASL I) ¹	4	_____
IPP	111	Non-Verbal Language ¹	3	_____
ANT	216	Cultural Anthropology OR SOC 221 Race and Ethnicity	<u>3</u>	_____
			14	

FIRST YEAR – SPRING SEMESTER

Dept.	No.		Hrs.	Grade
BIO	100	Biology for Non-Science Majors	4	_____
ASL	142	American Sign Language (ASL II) ¹	4	_____
IPP	151	Deaf Studies/Culture ¹	3	_____
IPP	201	Introduction to Interpreting ¹	4	_____
IPP	240	Fingerspelling and Numbers ¹	<u>3</u>	_____
			18	

FIRST YEAR – SUMMER SEMESTER

Dept.	No.		Hrs.	Grade
COM	115	Speech OR COM 116 Interpersonal Communication	<u>3</u>	_____
			3	

SECOND YEAR – FALL SEMESTER

Dept.	No.		Hrs.	Grade
ASL	143	American Sign Language (ASL III) ¹	5	_____
IPP	211	ASL Linguistics I ¹	3	_____
IPP	222	Interpreting ASL-English ¹	4	_____
IPP	231	Interpreting I ¹	4	_____
IPP	249	Field Experience I ¹	<u>3</u>	_____
			19	

SECOND YEAR – SPRING SEMESTER

Dept.	No.		Hrs.	Grade
IPP	212	ASL Linguistics II ¹	3	_____
IPP	223	Introduction to Transliterating ¹	3	_____
IPP	250	Field Experience II ¹	3	_____
IPP	251	Interpreting II ¹	4	_____
MAT	113	OR MAT 112 Introduction to Contemporary Mathematics ³ OR BUS 111 Business Mathematics	<u>3</u>	_____
			16	

NOTES AND INFORMATION:

¹All Program majors are required to have received a grade of "C" or higher in **ALL ASL and IPP** courses to continue in major.

² ENG 101 requires a grade of "C" or higher.

³ Students transferring to SIU-C should take MAT 113 or MAT 112.

The minimum general education component for the Associate in Applied Science degree requires satisfactory completion of at least 15 semester credits of coursework distributed over the disciplines of Communications, Mathematics, Arts and Humanities, Physical and Life Sciences, and Social and Behavioral Sciences. The curriculum guide for each Associate in Applied Science degree program will spell out the course requirements or options available for satisfying the general education component. With appropriate justification and in consultation with your academic advisor, a request to substitute a course for one recommended in this guide may be granted with the appropriate approvals from the Department Chair, Dean for Instruction and Vice-President for Instruction. However, no substitutions are allowed in Groups I-III (General Education Component; GECC) of the curriculum guide (see the Associate in Applied Science general degree requirements worksheet in the John A. Logan College Catalog).

Students planning to transfer and pursue a baccalaureate degree should, when given a choice, enroll in the general education course that is IAI GECC approved and articulated with participating Illinois institutions.

Career Opportunities: Graduates of this program could work as interpreters in the community, in colleges, Vocational Rehabilitation interpreting for employment training and job coaching, recreational activities and entertainment, and other places that interpreters are needed such as the public school system, they can tutor deaf and hard of hearing children, and provide other support services for deaf and hard of hearing children.

John A. Logan College reserves the right to modify this curriculum guide as needed. Please verify with your academic advisor the accuracy and time lines of this document.



John A. Logan College

Associate in Applied Science Toward a Degree in IST Computer Support and Networking*

Career Curriculum 00ELT3022
Minimum Hours: 62
Major Code: 1.2 470104
Effective Date: Fall 2020

FIRST YEAR – FALL SEMESTER

Dept.	No.		Hrs.	Grade
ORI	100	College 101	1	_____
CIS	200	Network Essentials	3	_____
CIS	206	Managing Network Environments I	3	_____
ELT	102	Basic Electricity and Wiring	4	_____
ELT	111	Digital Electronics I	3	_____
MAT	113	OR MAT 112 Introduction to Contemporary Mathematics	3 17	_____

NOTES AND INFORMATION

Fall Only Courses:

CIS 200	
CIS 206	ELT 111
CIS 216	ELT 214
CIS 219	ELT 215

Spring Only Courses:

ELT 210	ELT 218
CIS 213	ELT 112
ELT 200	CIS 208

*Program Prerequisite: CIS 101 or equivalent. Equivalent may be met through course at a college or university, tech prep dual credit from high school, proficiency exam or consent of instructor. Students who do not meet prerequisite should take CIS 101 their first semester of enrollment.

FIRST YEAR – SPRING SEMESTER

Dept.	No.		Hrs.	Grade
CIS	208	Security Awareness	3	_____
CIS	230	Operating Systems	3	_____
ELT	112	Digital Electronics II	3	_____
ENG	101	English Composition I ² OR ENG 113 Professional Technical Writing ²	3	_____
PHY	121	Technical Physics	3 15	_____

¹ These courses have a prerequisite.

² Requires a grade of "C" or higher.

The IST Computer Support and Networking, Information Systems Technology Capstone Option at SIUC AAS Degree is an ICCB approved extension of the Computer Support and Networking AAS Degree (00ELT3015).

SECOND YEAR – FALL SEMESTER

Dept.	No.		Hrs.	Grade
CIS	216	Cloud Technology ¹	3	_____
CIS	219	Ethical Hacking	3	_____
ELT	214	A+ Preparation IT Technician	3	_____
ELT	215	IOT and Embedded Systems ¹	3	_____
COM	115	Speech OR COM 116 Interpersonal Communication	3 15	_____

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SECOND YEAR – SPRING SEMESTER

Dept.	No.		Hrs.	Grade
CIS	213	Penetration Testing ¹	3	_____
ECO	202	Microeconomics	3	_____
ELT	200	Introduction to Microprocessors	3	_____
ELT	210	A+ Preparation Essentials	3	_____
ELT	218	Introduction to Network Technologies	3 15	_____

Career Opportunities: Computer Support Specialists, Network/Computer System Administrator, Computer Specialist. This degree is being taught in conjunction with the Electronics department. Upon successful completion of the program, the student will be able to build, repair, and troubleshoot a computer and be able to design, troubleshoot and administer a network. This degree will capstone to SIU through Information Systems Technologies.

John A. Logan College reserves the right to modify this curriculum guide as needed. Please verify with your academic advisor the accuracy and time lines of this document.



Associate in Applied Science

Toward a Degree in

Medical Laboratory Technology

Career Curriculum MLT0093
Minimum Hours: 65
Major Code: 1.2 511004
Effective Date: Spring 2011

FIRST YEAR – SUMMER SEMESTER

Dept.	No.		Hrs.	Grade
BIO	205	Human Anatomy and Physiology I	4 <u>4</u>	_____

FIRST YEAR – FALL SEMESTER

Dept.	No.		Hrs.	Grade
BIO	206	Human Anatomy and Physiology II	4	_____
CHM	141	General, Organic, and Biochemistry I ¹	4	_____
Any IAI Math	OR MAT 108	College Algebra	3-4	_____
MLT	120	Introduction to Clinical Lab	<u>3</u>	_____
			14-15	

FIRST YEAR – SPRING SEMESTER

Dept.	No.		Hrs.	Grade
BIO	226	General Microbiology	4	_____
CHM	142	General, Organic, and Biochemistry II	4	_____
MLT	121	Serology	1.5	_____
MLT	122	Clinical Microscopy	1.5	_____
MLT	123	Phlebotomy	<u>3</u>	_____
			14	

SECOND YEAR – SUMMER SEMESTER

Dept.	No.		Hrs.	Grade
ENG	101	English Composition I ²	3	_____
COM	115	Speech	<u>3</u>	_____
			6	

SECOND YEAR – FALL SEMESTER

Dept.	No.		Hrs.	Grade
MLT	223	Immunohematology (1st 10 1/2 weeks)	4	_____
MLT	228	Hematology and Hemostasis (1st 10 1/2 weeks)	5	_____
MLT	251	Clinical Rotation I (Last 6 1/2 weeks)	<u>3</u>	_____
			12	

SECOND YEAR – SPRING SEMESTER

Dept.	No.		Hrs.	Grade
MLT	225	Clinical Chemistry (1st 10 1/2 weeks)	4	_____
MLT	229	Applied Clinical Microbiology (1st 10 1/2 weeks)	5	_____
MLT	252	Clinical Rotation II (Last 6 1/2 weeks)	3	_____
PSY	132	General Psychology	<u>3</u>	_____
			1	

NOTES AND INFORMATION

*Retention in the MLT program requires that the MLT students earn a grade of "C" or better in all MLT and natural science courses (chemistry, microbiology, anatomy and physiology). The student must achieve a "C" average in the MLT curriculum in order to graduate. If a student fails an MLT or a required natural science course, the course must be repeated with a passing grade ("A", "B", or "C"). MLT courses are only offered once a year, so the student will have to wait to take courses until the prerequisite course has been completed with a passing grade. All courses must be taken in sequence as specified by course prerequisites unless permission is granted by the program director. "C" average = 2.0 on a 4- pt. scale; 3.0 on a 5-pt. scale.

Students wanting to transfer to SIU-C in Health Care Management must complete ACC 200, BUS 215, and MAT 108.

¹ Students must have consent of instructor if they take MAT 108 concurrently.

² Requires a grade of "C" or higher.

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Students planning to transfer and pursue a baccalaureate degree should, when given a choice, enroll in the general education course that is IAI GECC approved and articulated with participating Illinois institutions.

Additional Information:

The Profession. The Medical Laboratory Technician (MLT) is employed in clinical laboratories of hospitals, clinics, physician's offices, and other health care facilities performing varied laboratory procedures and diagnostic tests. Laboratory tests are performed on body fluids such as blood, which is obtained by the technician through venipuncture. The MLT works as a bench technician under the direct supervision of a physician and/or medical technologist in the areas of blood banking, clinical chemistry, hematology, microbiology, urinalysis, coagulation, and immunology. The MLT is an integral part of the health care team focused on providing optimum patient care. The technician monitors quality control, performs maintenance on equipment and instruments, applies basic scientific principles to laboratory techniques and procedures, recognizes factors that affect procedures and results (taking corrective action when indicated), relates laboratory findings to common disease processes, and interacts with other health care personnel and patients.

The Program. The Medical Laboratory Technology (two-year) Associate Degree Program is offered through the Southern Illinois Collegiate Common Market (SICCM) and is a cooperative program with John A. Logan College, and Shawnee Community College. Each spring semester, students from each college are admitted to begin the program the following fall semester. Biology 205 should be taken prior to beginning the program.

MLT Program admission is non-discriminatory, but certain personal and physical attributes are key to success in the profession. These may include the following: good general physical health, good vision (may be corrected), good color vision, and good manual dexterity.

Students are admitted to the MLT program and register for all courses through their home campus. General education courses are taken at the home campus, but MLT core courses are taught at various campuses, requiring students to travel an hour or more to classes. When registering for courses, students should consider travel time between their home campus and campuses where MLT core courses are scheduled. MLT courses may be taught in the day and/or evening based on part-time faculty availability. MLT courses of the second year are taught in the first 10 1/2 weeks of the semester. Courses are scheduled back-to-back to reduce student travel time. Clinical rotations are required in the second year of the program. These consist of two 16-day rotations during the last 6 1/2 weeks of the semester and are completed in labs of area hospitals. Students will be assigned to clinical sites as close to their home as possible, but students may have to travel considerable distances.

The SICCM MLT Program is accredited by the National Accrediting Agency for Clinical Laboratory Sciences, 5600 N. River Rd., Suite 720, Rosemont, IL 60018-5119, telephone: (773) 714-8880. Students who have completed the program requirements are eligible to take the national certification examination offered by the Board of Certification of the American Society of Clinical Pathologists (ASCP). The certified graduate may then use the title "MLT (ASCP)."

Career Opportunities: Medical laboratory technician.

Major Employers: Clinical laboratories of hospitals, clinics, physician's offices, and other health care facilities performing laboratory procedures and diagnostic tests

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John A. Logan College

Associate in Applied Science Associate Degree Nursing (ADN)* Part-Time Program

Career Curriculum ADN15
Minimum Hours: 63-63.5
Major Code: 1.2 513801
Effective Date: Fall 2019

FIRST YEAR – SUMMER SEMESTER

Dept.	No.		Hrs.	Grade
ORI	212	ADN Orientation	.5	_____
ALH	101	Cardiopulmonary Resuscitation <u>OR</u> ALH 102 CPR Recertification ¹	.5-1	_____
CHM	141	General, Organic, and Biochemistry I ^{2*}	<u>4</u> 5-5.5	_____

FIRST YEAR – FALL SEMESTER

Dept.	No.		Hrs.	Grade
ADN	201	Health Assessment and Nursing Care	4	_____
ADN	202	Nursing Care of Adult I	<u>7</u> 11	_____

FIRST YEAR – SPRING SEMESTER

Dept.	No.		Hrs.	Grade
ADN	213	Nursing Today & Tomorrow	2	_____
ADN	218	Mental Health Issues in Nursing	3	_____
ADN	230	Advanced Pharmacology I	<u>1.5</u> 6.5	_____

SECOND YEAR – FALL SEMESTER

Dept.	No.		Hrs.	Grade
ADN	221	Family Nursing	5	_____
BIO	226	General Microbiology ²	<u>4</u> 9	_____

SECOND YEAR – SPRING SEMESTER

Dept.	No.		Hrs.	Grade
ADN	220	Nursing Care of Adult II	7	_____
ADN	231	Advanced Pharmacology II	<u>1.5</u> 8.5	_____

NOTES AND INFORMATION

* Students must complete either CHM 141 or BIO 226 PRIOR to starting the First-Year-Fall Semester on this guide. Students must also maintain "C" or higher in all courses. All students must complete the practical nursing curriculum. All PN courses must be completed with a "C" or better prior to beginning ADN courses. It is strongly recommended that all ADN general education courses are completed prior to beginning the ADN program. Active and unencumbered Illinois LPN license is required prior to entering the first year, fall semester classes. The following courses are included in the minimum hours of this degree:

Course	Credit Hours
BIO 205 Human Anatomy and Physiology I	4
BIO 206 Human Anatomy and Physiology II	4
PNE 101 Fundamentals of Nursing	3
PNE 105 Nursing Throughout the Life Cycle	1
PNE 161 Pharmacology in Nursing	2
PNE 171 Pharmacology in Nursing II	2
PNE 204 Adult Nursing I	2
PNE 206 Adult Nursing II	2
PNE 209 I.V. Therapy (or comparable I.V. course)	.5
PNE 207 Medical/Surgical Clinic	3
PNE 208 Mental Health Nursing	<u>1.0</u>
TOTAL CREDIT HOURS	24.5

ATI scores at Level 2 are required before a course grade will be issued. ATI National Average Score must be obtained on RN Predictor prior to exiting the program. (2 attempts maximum)

A national licensure examination test must be passed in order to be employed in this career.

¹ Students must be certified in CPR annually before starting Clinical Rotations.

² Courses are not offered every semester and must be taken the semester indicated or before.

*Students interested in BSN should consider taking MAT 120 Elementary Statistics.

The minimum general education component for the Associate in Applied Science degree requires satisfactory completion of at least 15 semester credits of coursework distributed over the disciplines of Communications, Mathematics, Arts and Humanities, Physical and Life Sciences, and Social and Behavioral Sciences. The curriculum guide for each Associate in Applied Science degree program will spell out the course requirements or options available for satisfying the general education component. With appropriate justification and in consultation with your academic advisor, a request to substitute a course for one recommended in this guide may be granted with the appropriate approvals from the Department Chair or Director of Nursing, Dean for Academic Affairs and Vice-President for Instructional Services. However, no substitutions are allowed in Groups I-III (General Education Component; GECC) of the curriculum guide (see the Associate in Applied Science general degree requirements worksheet in the John A. Logan College Catalog).

Students planning to transfer and pursue a baccalaureate degree should, when given a choice, enroll in the general education course that is IAI GECC approved and articulated with participating Illinois institutions.

Additional Information: The Associate Degree Nursing Program provides practical nurses the opportunity to achieve an associate degree in nursing and take the NCLEX-RN Exam; builds on the practical nurse program of education in communication skills, nursing process, anatomy, physiology, pathophysiology, pharmacology, and basic nursing skills; provides appropriate educational

opportunities to prepare the graduate to adhere to standards and scope of practice as set forth in the Illinois Nurse Practice Act of 2017 and American Nursing Association, and creates an environment that encourages lifelong learning and professional development.

This unique program is designed to prepare the student for the practice of professional nursing as defined in the Illinois Nurse Practice Act of 2017 and meets the requirements for schools approved for associate degree nursing by the Illinois Department of Financial and Professional Regulation (IDFPR).

The applicant should contact the Testing Services Office at the College. The Associate Degree Nursing Program entry packet can be located at the following link <http://www.jalc.edu/admissions/restricted-allied-health-admission>. The steps to be followed are specified in the packet.

In addition to completing a College application, the applicant must be able to do the following:

- provide proof of successful completion of an approved school of practical nursing
- successfully complete the associate degree nursing pre-entrance examination and the ASSET Test
- possess an unencumbered active Illinois LPN license

The selection procedures are listed in the admissions packet.

The ADN program goals follow the American Nurses Association Scope & Standards of Practice (Third Edition) for a Registered Professional Nurse.

The goals of the ADN program are to prepare entry level RN's:

1. To collect pertinent data in a systematic, ongoing assessment process with compassion and respect for the individuals dignity, worth, and unique attributes.
2. To analyze assessment data to determine actual or potential diagnoses, problems and issues.
3. To identify expected outcomes for an individualized plan.
4. To develop or review a plan to help an individual attain expected, measurable outcomes.
5. To implement the identified plan.
6. To coordinate care delivery.
7. To employ strategies to promote health and a safe environment.
8. To practice ethically.
9. To practice in a manner that is congruent with cultural diversity and inclusion principles.
10. To communicate effectively.
11. To collaborate with peers, faculty and healthcare team.
12. To lead within the professional practice setting and the profession.
13. To seek knowledge and competence that reflects nursing practice.
14. To integrate evidence-based practice and research.
15. To contribute to quality nursing practice.
16. To evaluate one's own professional practice, as well as, others' nursing practice.
17. To utilize appropriate resources to plan, provide, and sustain evidence-based nursing services that are safe, effective, and fiscally responsible.

Upon satisfactory completion of the program, the student will be eligible to take the National Council Licensure Examination for Registered Nurses (NCLEX-RN).

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John A. Logan College

Associate in Applied Science Nursing-ADN (Hybrid Online)**

Career Curriculum ADN 16
Minimum Hours: 65-65.5
Major Code: 1.2 513801
Effective Date: Spring 2019

FIRST YEAR – SPRING SEMESTER

Dept.	No.		Hrs.	Grade
ORI	212	ADN Orientation	.5	_____
ADN	203	Intro to Conceptual Framework ¹	<u>3</u>	_____
			3.5	

FIRST YEAR – SUMMER SEMESTER

Dept.	No.		Hrs.	Grade
ADN	205	Respiratory Nursing Intervention	3	_____
ADN	206	Cardiovascular Nursing Interventions	3	_____
ADN	212	Psychiatric Nursing Interventions	<u>2</u>	_____
			8	

FIRST YEAR – FALL SEMESTER

Dept.	No.		Hrs.	Grade
ADN	207	Metabolic/Endocrine Nursing Interventions	3	_____
ADN	210	GI/GU Nursing Interventions	3	_____
ADN	224	Obstetrical Nursing Interventions	2	_____
ADN	226	Neuro/Sensory Nursing Interventions	3	_____
ADN	230	Advanced Pharmacology I	<u>1.5</u>	_____
			12.5	

SECOND YEAR – SPRING SEMESTER

Dept.	No.		Hrs.	Grade
ADN	223	Pediatric Nursing Interventions	2	_____
ADN	225	Ortho/Derm Nursing Interventions	3	_____
ADN	228	Nursing Leadership Today & Tomorrow	3	_____
ADN	231	Advanced Pharmacology II	<u>1.5</u>	_____
			9.5	

NOTES AND INFORMATION:

The following courses are prerequisites for this degree:

Course	Credit Hours
ALH 101 Cardiopulmonary Resuscitation OR ALH 102 CPR Recertification ¹	1.0-.05
BIO 226 General Microbiology	4.0
CHM 141 General, Organic, and Biochemistry I	<u>4.0</u>
	8.5-9.0

**Students must maintain "C" or higher in all courses. All students must complete the practical nursing curriculum and be listed as good standing as an LPN on IDFPR. All PN and ADN general education courses must be completed with a "C" or better prior to beginning ADN Hybrid Online courses. The following courses are included in the minimum hours of this degree:

Course	Credit Hours
BIO 205 Human Anatomy and Physiology I	4
BIO 206 Human Anatomy and Physiology II	4
PNE 101 Fundamentals of Nursing	3
PNE 105 Nursing Throughout the Life Cycle	1
PNE 161 Pharmacology in Nursing	2
PNE 171 Pharmacology in Nursing II	2
PNE 204 Adult Nursing I	2
PNE 206 Adult Nursing II	2
PNE 207 Medical Surgical Nursing II	1.5
PNE 208 Mental Health Nursing	1
PNE 209 I.V. Therapy (or comparable I.V. course)	<u>.5</u>
TOTAL CREDIT HOURS	23

ATI scores at Level 2 are required before a course grade will be issued. ATI National Average Score must be obtained on RN Predictor prior to exiting the program. (2 attempts maximum)

A comprehensive NCLEX online virtual review is required after the last class of the program.

Prior to acceptance an online general education course or Practical Nursing course must be successfully completed.

A national licensure examination test must be passed in order to be employed in this career.

¹ Students must be certified in CPR annually (ALH 102 CPR Recertification) before starting Clinical Rotations.

The minimum general education component for the Associate in Applied Science degree requires satisfactory completion of at least 15 semester credits of coursework distributed over the disciplines of Communications, Mathematics, Arts and Humanities, Physical and Life Sciences, and Social and Behavioral Sciences. The curriculum guide for each Associate in Applied Science degree program will spell out the course requirements or options available for satisfying the general education component. With appropriate justification and in consultation with your academic advisor, a request to substitute a course for one recommended in this guide may be granted with the appropriate approvals from the Department Chair, Dean for Instruction and Vice-President for Instruction. However, no substitutions are allowed in Groups I-III (General Education Component; GECC) of the curriculum guide (see the Associate in Applied Science general degree requirements worksheet in the John A. Logan College Catalog).

Students planning to transfer and pursue a baccalaureate degree should, when given a choice, enroll in the general education course that is IAI GECC approved and articulated with participating Illinois institutions.

Additional Information: The Associate Degree Nursing Program provides practical nurses the opportunity to achieve an associate degree in nursing and take the NCLEX-RN Exam; builds on the practical nurse program of education in communication skills, nursing process, anatomy, physiology, pathophysiology, nutrition, pharmacology, psychology, and basic nursing skills; provides appropriate educational opportunities to prepare the graduate to adhere to standards and scope of practice as set forth in the Illinois Nursing Act of 2000; and creates an environment that encourages lifelong learning and professional development.

This unique program is designed to prepare the student for the practice of professional nursing as defined in the Illinois Nursing Act and meets the requirements for schools approved for associate degree nursing by the Illinois Department of Professional Regulation.

The applicant should contact the Assessment Office at the College to request an admissions packet for the Associate Degree Nursing Program. The steps to be followed are specified in the packet.

In addition to completing a College application, the applicant must be able to do the following:

- provide proof of successful completion of an approved school of practical nursing
- successfully complete the associate degree nursing pre-entrance examination and the ASSET Test
- successfully demonstrate knowledge and abilities of fundamental nursing skills
- provide proof of sound health to practice nursing; and be eligible for nursing licensure in Illinois.

The selection procedures are listed in the admissions packet.

The goals of the ADN program are as follows:

1. To prepare nurses who possess the competencies defined by the ADN Council of the NLN and adhere to the standards and scope of practice set forth in the Illinois Nursing Act of 2007 and American Nursing Association Standards.
2. To support and encourage professional continuing education.
3. To actively maintain and pursue articulation with baccalaureate-level nursing programs.
4. To collaborate with district and regional health care providers to identify entry level employment skills required of ADN graduates.
5. To work with all College departments to provide a high-quality education.
6. To prepare graduates to live and work in a globally interdependent and multicultural society.
7. To maintain faculty, physical facilities, equipment, and clinical facility contracts conducive to a positive learning environment.
8. To serve as a resource to nursing professionals in the area.

Upon satisfactory completion of the program, the student will be eligible to take the National Council Licensure Examination for Registered Nurses (NCLEX-RN).

Career Opportunities: Specializations include obstetrics, surgery, intensive care unit, medical/surgical, emergency room, pediatrics, dialysis, case management, public health, insurance, office nursing and administration, home health.

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Associate in Applied Science

Toward a Degree in

Occupational Therapy Assistant

Career Curriculum OTA0094
Minimum Hours: 70
Major Code: 1.2 510803
Effective Date: Spring 2015

FIRST YEAR – FALL SEMESTER

Dept.	No.		Hrs.	Grade
HIT	217	Medical Terminology	3	_____
ENG	101	English Composition I	3	_____
OTA	110	Clinical Observation	2	_____
OTA	130	Introduction to Occupational Therapy	2	_____
OTA	131	Disease and Impact on Occupation	3	_____
OTA	132	Occupational Development	1	_____
OTA	210	Occupational Therapy Theory I	<u>4</u>	_____
			18	

FIRST YEAR – SPRING SEMESTER

Dept.	No.		Hrs.	Grade
BIO	206	Human Anatomy and Physiology II	4	_____
OTA	112	Activities of Daily Living	3	_____
OTA	120	Occupational Therapeutic Media	3	_____
OTA	122	Occupational Therapy Group Process	2	_____
OTA	133	Clinical Rotation I	1	_____
OTA	134	OT in Physical Disabilities	3	_____
PSY	132	General Psychology	<u>3</u>	_____
			19	

FIRST YEAR – SUMMER SEMESTER

Dept.	No.		Hrs.	Grade
MAT	120	OR MAT 119 Elementary Statistics OR MAT 104 Mathematics for Allied Health	3	_____
COM	115	Speech	<u>3</u>	_____
			6	

SECOND YEAR – FALL SEMESTER

Dept.	No.		Hrs.	Grade
OTA	200	Psychosocial Therapy and Practice	3	_____
OTA	205	Occupational Therapy in Pediatrics	4	_____
OTA	230	Clinical Rotation II	2	_____
OTA	231	Occupational Therapy Theory II	1.5	_____
OTA	232	Aging and Impact on Occupation	1.5	_____
PSY	262	Child Psychology	<u>3</u>	_____
			15	

SECOND YEAR – SPRING SEMESTER

Dept.	No.		Hrs.	Grade
OTA	217	Fieldwork Experience I ¹ (Class meets 8 weeks)	4.5	_____
OTA	218	Fieldwork Experience II ¹ (Class meets 8 weeks)	4.5	_____
OTA	250	Occupational Therapy Administration	<u>3</u>	_____
			12	

NOTES AND INFORMATION

*BIO 205 - Human Anatomy and Physiology I is a prerequisite for this program. Students must maintain "C" overall average plus "C" or better in all OTA classes and all required general education classes.

¹ Must be completed within 18 months of academic coursework.

The minimum general education component for the Associate in Applied Science degree requires satisfactory completion of at least 15 semester credits of coursework distributed over the disciplines of Communications, Mathematics, Arts and Humanities, Physical and Life Sciences, and Social and Behavioral Sciences. The curriculum guide for each Associate in Applied Science degree program will spell out the course requirements or options available for satisfying the general education component. With appropriate justification and in consultation with your academic advisor, a request to substitute a course for one recommended in this guide may be granted with the appropriate approvals from the Department Chair, Dean for Instruction and Vice-President for Instruction. However, no substitutions are allowed in Groups I-III (General Education Component; GECC) of the curriculum guide (see the Associate in Applied Science general degree requirements worksheet in the John A. Logan College Catalog).

Students planning to transfer and pursue a baccalaureate degree should, when given a choice, enroll in the general education course that is IAI GECC approved and articulated with participating Illinois institutions.

Additional Information:

The OTA courses have both lecture and hands-on laboratory components. Portions of the lecture section of some OTA courses are web-based. During the program, students will develop entry-level competencies necessary to provide services to persons of all ages who have functional loss due to physical, neurological, social/emotional, cognitive, or developmental disabilities.

The Occupational Therapy Program is accredited by the Accreditation Council for Occupational Therapy Education (ACOTE) of the **American Occupational Therapy Association (AOTA)**
4720 Montgomery Lane
Suite 200
Bethesda, Maryland 20814-3449

The profession tailors rehabilitation individually for each client. Through evaluation and treatment, it seeks to restore or improve function in occupational performance. Treatment is provided within the context of the client's life environments and relationships. Occupation may be defined as the ordinary things people do each day to work, to play, and to take care of themselves. Occupational therapy is based on the idea that our personal identity and feeling of value is closely tied to what we are able to do. We all choose many "occupational" roles that are important to us and make us excited to engage in life. When our function becomes impaired, we may lose both our independence and sense of self-worth.

The practice of OT utilizes the therapeutic use of purposeful and meaningful occupations in treatment, as well as focusing on these occupations as the goal of treatment. OT intervention may include restoration of performance abilities; instruction in compensatory techniques; adaptation of tasks, processes, or environments; disability prevention techniques; and health promotion strategies. Occupational therapy assistants, under the supervision of an occupational therapist, will work directly with persons to achieve a maximum level of independent living by developing the capacities that remain after disease, accident, or other disability.

OT serves a diverse population in a wide variety of settings such as hospitals; clinics; facilities for rehabilitation, extended, and long-term care; sheltered workshops; schools; camps; private homes; physicians' offices; community programs; and private practice.

Admission Requirements

1. Graduate from an approved high school, or demonstrate equivalent competency (G.E.D. examination).
2. Complete general admission procedures for John A. Logan College.
3. By March 31, file the following OTA application information with the Admissions & Records Office at John A. Logan College:
 - A. Completed OTA application form.
 - B. Health Occupations Aptitude Test results.
 - C. Official transcripts of previous college experience.
4. Achieve competitive level on a composite selection score for the College. The 12 top-scoring applicants are awarded admission. This score is based upon the Health Occupations Aptitude Examination--Revised test results and weighted grades for previous college coursework taken within, or transferring to, the occupational therapy assistant required curriculum.

Accreditation Status

The SICCM Occupational Therapy Assistant Program is accredited by the Accreditation Council for Occupational Therapy Education (ACOTE) of the American Occupational Therapy Association (AOTA), located at 4720 Montgomery Lane, P. O. Box 31220, Bethesda, MD 20824-1220. ACOTE's phone number c/o AOTA is 301-652-6611. Program graduates will qualify to sit for the National Board for Certification in Occupational Therapy, Inc. (NBCOT) national certification examination. This is a computer-delivered examination. Successful completion of this exam confers the title of Certified Occupational Therapy Assistant (COTA). Illinois and most states additionally require licensure to practice, usually basing this on the NBCOT exam results. A felony conviction may adversely affect ability to sit for the NBCOT exam and/or attain state licensure.

The Associate in Applied Science degree in occupational therapy assistant is offered at two community colleges through the Southern Illinois Collegiate Common Market. Twelve students are admitted from each college for an entering total of twenty-five. Admitted students take general education courses on their own campuses and OTA courses together in a central laboratory. After classes and the fieldwork internship are completed, they graduate at their entering college.

Career Opportunities: An occupational therapy assistant (OTA) provides services to persons of all ages who have functional loss due to physical, neurological, social/emotional, cognitive, or developmental disabilities.

John A. Logan College reserves the right to modify this curriculum guide as needed. Please verify with your academic advisor the accuracy and time lines of this document.



Associate in Applied Science

Toward a Degree in

Small Business Management

Career Curriculum BUS2006
 Minimum Hours: 61
 Major Code: 1.2 520201
 Effective Date: Fall 2019

FIRST YEAR – FALL SEMESTER

Dept.	No.		Hrs.	Grade
ORI	100	College 101	1	_____
BUS	110	Introduction to Business	3	_____
ENG	101	English Composition I ¹ OR ENG 113 Professional Technical Writing ¹	3	_____
MAT	113	OR MAT 112 Introduction to Contemporary Mathematics OR BUS 111 Business Mathematics	3	_____
MKT	113	Principles of Marketing	3	_____
MKT	130	Sales	3	_____
			16	

NOTES AND INFORMATION

Fall Only Courses:		Spring Only Courses:	
BUS 255	MKT 130	ACC 105	MKT 224
MKT 113		CIS 105	
		MGT 112	
		MGT 228	

¹ Requires a grade of "C" or higher.

² Business electives may include the following prefixes: ACC, BUS, CIS, ECO, MGT, MKT (recommended CIS 104, CIS 120, CIS 220, CIS 240)

FIRST YEAR – SPRING SEMESTER

Dept.	No.		Hrs.	Grade
ACC	100	Business Accounting	3	_____
IAI		Humanities/Fine Arts Elective OR IAI Physical Science/Life Science Elective	3	_____
COM	115	Speech	3	_____
		Business Elective ²	3	_____
		Business Elective ²	3	_____
			15	

The Small Business Management AAS Degree (BUS 2006) is the parent program to:

- Business Management Certificate Program (BUS 2007)

The minimum general education component for the Associate in Applied Science degree requires satisfactory completion of at least 15 semester credits of coursework distributed over the disciplines of Communications, Mathematics, Arts and Humanities, Physical and Life Sciences, and Social and Behavioral Sciences. The curriculum guide for each Associate in Applied Science degree program will spell out the course requirements or options available for satisfying the general education component. With appropriate justification and in consultation with your academic advisor, a request to substitute a course for one recommended in this guide may be granted with the appropriate approvals from the Department Chair, Dean for Instruction and Vice-President for Instruction. However, no substitutions are allowed in Groups I-III (General Education Component; GECC) of the curriculum guide (see the Associate in Applied Science general degree requirements worksheet in the John A. Logan College Catalog).

Students planning to transfer and pursue a baccalaureate degree should, when given a choice, enroll in the general education course that is IAI GECC approved and articulated with participating Illinois institutions.

SECOND YEAR – FALL SEMESTER

Dept.	No.		Hrs.	Grade
BUS	222	Legal/Social Environment of Business	3	_____
BUS	235	Business Communication	3	_____
BUS	255	Customer Service	3	_____
CIS	207	Computer Applications for Business	3	_____
ECO	201	Introduction to Macroeconomics OR ECO 202 Introduction to Microeconomics	3	_____
			15	

Career Opportunities: entry-level management positions in retail management, sales management, office management, and restaurant management; possible career opportunities within local, state, and federal government agency facilities.

SECOND YEAR – SPRING SEMESTER

Dept.	No.		Hrs.	Grade
ACC	105	Payroll Accounting	3	_____
MGT	112	Principles of Management	3	_____
MGT	228	Small Business Management	3	_____
MKT	224	Advertising	3	_____
PSY	132	General Psychology	3	_____
			15	

John A. Logan College reserves the right to modify this curriculum guide as needed. Please verify with your academic advisor the accuracy and time lines of this document.



John A. Logan College

Associate in Applied Science

Toward a Degree in

Welding Technology

Career Curriculum WEL2010
Minimum Hours: 69
Major Code: 1.2 480508E
Effective Date: Fall 2019

FIRST YEAR – FALL SEMESTER

Dept.	No.		Hrs.	Grade
ORI	100	College 101	1	_____
IND	201	Metallurgy	2	_____
MAT	113	OR MAT 112 Introduction to Contemporary Mathematics OR MAT 100 Mathematics for Applied Technologies	3	_____
WEL	150	Oxy-Acetylene Fusion Welding I	1	_____
WEL	151	Oxy-Acetylene Fusion Welding II	2	_____
WEL	152	Brazing & Soldering	1	_____
WEL	153	Oxy-Acetylene Cutting	1	_____
WEL	154	Arc Welding I	2	_____
WEL	155	Arc Welding II	2	_____
WEL	156	Arc Welding III	1	_____
WEL	200	Welding Theory	<u>2</u>	_____
			18	

NOTES AND INFORMATION

Fall only courses:		Spring only courses:	
IDM	210	DRT	192
MAC	200		

¹ Requires a grade of "C" or higher.

The minimum general education component for the Associate in Applied Science degree requires satisfactory completion of at least 15 semester credits of coursework distributed over the disciplines of Communications, Mathematics, Arts and Humanities, Physical and Life Sciences, and Social and Behavioral Sciences. The curriculum guide for each Associate in Applied Science degree program will spell out the course requirements or options available for satisfying the general education component. With appropriate justification and in consultation with your academic advisor, a request to substitute a course for one recommended in this guide may be granted with the appropriate approvals from the Department Chair, Dean for Instruction and Vice-President for Instruction. However, no substitutions are allowed in Groups I-III (General Education Component; GECC) of the curriculum guide (see the Associate in Applied Science general degree requirements worksheet in the John A. Logan College Catalog).

Students planning to transfer and pursue a baccalaureate degree should, when given a choice, enroll in the general education course that is IAI GECC approved and articulated with participating Illinois institutions.

Career Opportunities: Upon successful completion of the AAS degree, the student will have the opportunity to enter the workforce as a welding technician. The program will prepare graduates for entry into union trades positions including boilermakers, plumbers & pipefitters, structural steel workers, rail car repair and general maintenance; small and medium job shops.

The Welding Program is accredited by:

American Welding Society
8669 NW 36 Street
Suite 130
Doral, FL 33166

John A. Logan College reserves the right to modify this curriculum guide as needed. Please verify with your academic advisor the accuracy and time lines of this document.



FIRST YEAR – SPRING SEMESTER

Dept.	No.		Hrs.	Grade
ENG	101	English Composition ¹ OR ENG 113 Professional Technical Writing ¹	3	_____
MAC	180	Blueprint Reading	3	_____
WEL	157	Arc Welding IV	1	_____
WEL	158	Arc Welding V	1	_____
WEL	159	Arc Welding	1	_____
WEL	160	M.I.G. Welding	2	_____
WEL	161	Cored Wire Welding	2	_____
WEL	162	T.I.G. Welding	1	_____
WEL	163	Weld Testing & Inspection ¹	2	_____
WEL	198	T.I.G. Welding Aluminum	1	_____
WEL	199	T.I.G. Welding Stainless Steel	<u>1</u>	_____
			18	

SECOND YEAR – FALL SEMESTER

Dept.	No.		Hrs.	Grade
IDM	210	Hydraulics and Pneumatics	3	_____
MAC	200	Machine Tool Laboratory	4	_____
COM	115	Speech OR COM 116 Interpersonal Communication	3	_____
WEL	188	Welding Laboratory I	1	_____
WEL	189	Welding Laboratory II	1	_____
WEL	190	Welding Laboratory III	1	_____
WEL	191	Welding Laboratory IV	1	_____
WEL	195	Special Problems in Welding	<u>2</u>	_____
			16	

SECOND YEAR – SPRING SEMESTER

Dept.	No.		Hrs.	Grade
DRT	185	Computer Graphics I	2	_____
DRT	192	Blueprint Reading	3	_____
IAI Physical/Life Science OR IAI Humanities/ Fine Arts Elective			3-5	_____
IAI Social and Behavioral Science Elective			3	_____
WEL	192	Introduction to Pipe Welding	1	_____
WEL	193	Pipe Welding	1	_____
WEL	194	Pipe Welding	2	_____
WEL	196	M.I.G. Welding Aluminum	1	_____
WEL	197	M.I.G. Welding Stainless Steel	<u>1</u>	_____
			17-19	



Certificate
Toward a Degree in
Advanced SMAW
(Stick)Welding Technology

Career Curriculum 00WEL0060
Minimum Hours: 9
Major Code: 1.2 480
Effective Date: Fall 2021

FIRST YEAR – FALL SEMESTER

Dept.	No.		Hrs.	Grade
DRT	185	Computer Graphics I	2	_____
DRT	192	Blueprint Reading for Welders	3	_____
WEL	158	Arc Welding V	1	_____
WEL	159	Arc Welding	1	_____
WEL	163	Weld Testing and Inspection	2	_____
			9	

NOTES AND INFORMATION

The Welding Program is accredited by:

American Welding Society
8669 NW 36 Street
Suite 130
Doral, FL 33166

Career Opportunities: Upon successful completion of the Welding Technology Certificate, the student will have the opportunity to enter the workforce as a welding technician. The program will prepare graduates for entry into union trades positions including boilermakers, plumbers & pipefitters, structural steel workers, rail car repair and general maintenance; small and medium job shops.

John A. Logan College reserves the right to modify this curriculum guide as needed. Please verify with your academic advisor the accuracy and time lines of this document.



John A. Logan College

Associate in Engineering Science Degree in Chemical Engineering

Transfer Curriculum AES 0096
Associate in Engineering Science:
66-67 Hrs. Min.
Major Code: 1.1 140701
Effective Date: Fall 2020

GENERAL EDUCATION (IAI GECC, 27-39 CREDITS)

The Illinois Articulation Initiative (IAI) General Education Core Curriculum (GECC) requires 27 to 39 credit hours from the following five areas: communication; mathematics; physical and life sciences; humanities; and social and behavioral sciences. Courses selected to meet IAI GECC requirements may also meet course requirements for a specific major.

FIRST SEMESTER (FALL)

Dept.	No.		Hrs.	Grade
MAT	131	Calculus I	5	_____
ENG	101	English Composition I	3	_____
CHM	151	Chemical Principles	5	_____
ECO	202	Microeconomics		
		<u>or</u> Social Science Elective*	3	_____
ORI	100	College 101	1	_____
			17	

SECOND SEMESTER (SPRING)

Dept.	No.		Hrs.	Grade
MAT	201	Calculus II	5	_____
PHY	205	University Physics I	5	_____
CHM	152	Chemical Principles with Qualitative Analysis	5	_____
ENG	102	English Composition II	3	_____
			18	

THIRD SEMESTER (FALL)

Dept.	No.		Hrs.	Grade
MAT	202	Calculus III	3	_____
PHY	206	University Physics II	5	_____
CHM	201	Organic Chemistry I	5	_____
ECO	201	Macroeconomics <u>or</u> Social Science Elective*	3	_____
			16	

FOURTH SEMESTER (SPRING)

Dept.	No.		Hrs.	Grade
MAT	205	Differential Equations	3	_____
CHM	202	Organic Chemistry II	5	_____
CPS	206	Computer Science I <u>or</u> Elective***	4	_____
		IAI Life Science Elective <u>or</u> Elective***	3-4	_____
			15-16	

Consult with the transfer institution to determine if certain courses require a grade of "C" or higher, or if there is a minimum grade point average for admission to your declared major. Please select courses on this guide in accordance with the Articulation Notes for your transfer institution.

Fall Only Courses:

EGR 101
CHM 201
CPS 215
MAT 202
PHY 201
PHY 206

Spring Only Courses:

CHM 202
CPS 206
MAT 205
PHY 202
PHY 203
PHY 214/224

*Recommended Social Science electives: ANT 111, ANT 202, ANT 216, GEO 112, SOC 215. For other IAI Social Science Electives, see below.

**Recommended Humanities/Fine Arts Electives: HIS 103, HIS 104, HIS 213, LIT 284, LIT 295, PHL 121, PHL 200. For other IAI Humanities, see below.

***Choose electives based on your chosen transfer institution requirements.

IAI INFORMATION: This guide follows the guidelines established by the IAI Engineering major Panel for an Associates in Engineering Science Degree. This guide is not designed to complete the full IAI GECC component. You will need to fulfill the remaining IAI GECC courses at your transfer institution.

IAI Fine Arts Electives:

Art: ART 111, 220, 221, 291
Literature: LIT 275
Music: MUS 105, 225
Theater: THE 113

IAI Humanities Electives:

Foreign Language: FRE 202, GER 202, SPN 202
History: HIS 101, 102, 213
Literature: LIT 210, 230, 235, 264, 280, 281, 284, 295
Philosophy: PHL 111, 121, 131, 200, 260

IAI Social and Behavioral Sciences Electives:

Anthropology: ANT 111, 202, 216, 240
Economics: ECO 201, 202
Geography: GEO 112
History: HIS 103, 104, 201, 202
Political Science: PSC 131, 211, 212, 213, 289
Psychology: PSY 132, 200, 203, 262
Sociology: SOC 133, 221, 263, 264

IAI Life Science Electives:

Biology: BIO 100, 101, 105, 225
Interdisciplinary: PHS 101 with PHS 111, SCI 210A and SCI 210B
Life Science: SCI 215

***Please see your advisor for possible specific four-year university transfer guides.**

ARTICULATION NOTES: Consult your academic advisor and/or transfer institution to assess if any courses required for your major require a grade of C or higher and if there is a minimum grade point average needed for admission consideration into your major.

IAI ENGINEERING MAJOR PANEL INFORMATION

Take CHM 152 (IAI CHM 912), CHM 201 (CHM 913) and CHM 202 (CHM 914).
Take MAT 131 (MTH 901), MAT 201 (MTH 902), MAT 202 (MTH 903) and MAT 205 (MTH 912).

Take CHM 151 (CHM 911), PHY 205 (PHY 911), PHY 206 (PHY 912) and CPS 206 (CS 911).

SELECT one IAI GECC LIFE SCIENCE course. Also take ECO 202 (S3 902). If two courses are selected in this GECC area, a two course sequence in the same discipline is recommended (take ECO 201)

UIUC TRANSFER INFORMATION

UIUC offers a degree in Chemical and Biomolecular Engineering housed in the College of Liberal Arts and Sciences. A grade point average of 3.20 or higher (A=4.00) is required for admission. In addition applicants are considered on a space available basis.

Foreign Language through the third level (FRE, GER or SPN 201) is required as graduation requirement. Take ENG 101/102 (RHET 105), MAT 131 (MATH 220), MAT 201 (MATH 231), MAT 202 (UIUC bridge course of MATH 292 is required for MATH 241 credit), PHY205 (PHYS 211), PHY206 (PHYS 212) and CPS 206 (CS 101).

CHEM 202, 203, 204 205, 236 and CHEM 237 and MATH 285 and PHYS 214 are required AND recommended prior to transfer but equivalents are not available at JALC.

UIC TRANSFER INFORMATION

UIC offers a BS degree in Chemical Engineering

Take ENG 101 (ENGL 160), ENG 102 (ENGL 161), MAT 131(MATH 180), MAT 201 (MATH 181), MAT 202 (MATH 210), MAT 205 (MATH 220), PHY 205 (PHYS 141), PHY 206 (PHYS 142), CHM 151 (CHEM 122/123), CHM 152 (CHEM 124. 125), CHM 201 (CHEM 232/233) and CHM 202 (CHEM 234). Take PHY 215 (ECE 210) and CPS 206 (CS 109).

CHEM 222, CHE 201, 205 and 210 are also required but course equivalents are not offered at JALC



John A. Logan College

Associate in Engineering Science Degree in Civil Engineering

Transfer Curriculum AES 0096
Associate in Engineering Science:
66-67 Hrs. Min.
Major Code: 1.1 140801
Effective Date: Fall 2020

GENERAL EDUCATION (IAI GECC, 27-39 CREDITS)

The Illinois Articulation Initiative (IAI) General Education Core Curriculum (GECC) requires 27 to 39 credit hours from the following five areas: communication; mathematics; physical and life sciences; humanities; and social and behavioral sciences. Courses selected to meet IAI GECC requirements may also meet course requirements for a specific major.

Consult with the transfer institution to determine if certain courses require a grade of "C" or higher, or if there is a minimum grade point average for admission to your declared major. Please select courses on this guide in accordance with the Articulation Notes for your transfer institution.

FIRST SEMESTER (FALL)

Dept.	No.		Hrs.	Grade
MAT	131	Calculus I	5	_____
EGR	101	Engineering Graphics <u>or</u> Elective***	3	_____
ENG	101	English Composition I	3	_____
CHM	151	Chemical Principles	5	_____
ORI	100	College 101	1	_____
			17	

Fall Only Courses:

EGR 101
CHM 201
CPS 215
MAT 202
PHY 201
PHY 206

Spring Only Courses:

CHM 202
CPS 206
MAT 205
PHY 202
PHY 203
PHY 214/224

*Recommended Social Science electives: ANT 111, ANT 202, ANT 216, GEO 112, SOC 215. For other IAI Social Science Electives, see below.

SECOND SEMESTER (SPRING)

Dept.	No.		Hrs.	Grade
MAT	201	Calculus II	5	_____
PHY	205	University Physics I	5	_____
CPS	206	Computer Science I <u>or</u> CHM 152 Chemical Principles w/ Qualitative Analysis	4-5	_____
ENG	102	English Composition II	3	_____
			17-18	

**Recommended Humanities/Fine Arts Electives: HIS 103, HIS 104, HIS 213, LIT 284, LIT 295, PHL 200. For other IAI Humanities, see below.

***Choose electives based on your chosen transfer institution requirements.

IAI INFORMATION: This guide follows the guidelines established by the IAI Engineering major Panel for an Associates in Engineering Science Degree. This guide is not designed to complete the full IAI GECC component. You will need to fulfill the remaining IAI GECC courses at your transfer institution.

IAI Fine Arts Electives:

Art: ART 111, 220, 221, 291
Literature: LIT 275
Music: MUS 105, 225
Theater: THE 113

IAI Humanities Electives:

Foreign Language: FRE 202, GER 202, SPN 202
History: HIS 101, 102, 213
Literature: LIT 210, 230, 235, 264, 280, 281, 284, 295
Philosophy: PHL 111, 121, 131, 200, 260

THIRD SEMESTER (FALL)

Dept.	No.		Hrs.	Grade
MAT	202	Calculus III	3	_____
PHY	206	University Physics II	5	_____
PHY	201	Statics	3	_____
ECO	201	Macroeconomics <u>or</u> Social Science Elective*	3	_____
		Humanities/Fine Arts Elective**	3	_____
			17	

IAI Social and Behavioral Sciences Electives:

Anthropology: ANT 111, 202, 216, 240
Economics: ECO 201, 202
Geography: GEO 112
History: HIS 103, 104, 201, 202
Political Science: PSC 131, 211, 212, 213, 289
Psychology: PSY 132, 200, 203, 262
Sociology: SOC 133, 221, 263, 264

FOURTH SEMESTER (SPRING)

Dept.	No.		Hrs.	Grade
MAT	205	Differential Equations	3	_____
PHY	202	Dynamics	3	_____
PHY	203	Mechanics of Materials	3	_____
ECO	202	Microeconomics <u>or</u> Social Science Elective*	3	_____
		IAI Life Science Elective <u>or</u> Elective***	3-4	_____
			15-16	

IAI Life Science Electives:

Biology: BIO 100, 101, 105, 225
Interdisciplinary: PHS 101 with PHS 111, SCI 210A and SCI 210B
Life Science: SCI 215

***Please see your advisor for possible specific four-year university transfer guides.**

ARTICULATION NOTES: Consult your academic advisor and/or transfer institution to assess if any courses required for your major require a grade of C or higher and if there is a minimum grade point average needed for admission consideration into your major.

IAI ENGINEERING MAJOR PANEL INFORMATION

Take EGR 101 (IAI EGR 941), PHY 201 (EGR 942), PHY 202 (EGR 943), PHY 203 (EGR 945).
Take MAT 131 (MTH 901), MAT 201 (MTH 902), MAT 202 (MTH 903) and MAT 205 (MTH 912). Take CHM 151 (CHM 911), PHY 205 (PHY 911), PHY 206 (PHY

912) and CPS 206 (CS 911) and ECO 202 (S3 902). NOTE: If a second course is taken in the Social IAI GECC Social Science area, a two course sequence is recommended. Take also ECO 201 (S3 901)

SIUC TRANSFER INFORMATION

SIUC offers a B.S. degree in Civil Engineering and Civil Engineering with a specialization in Environmental Engineering.

Take ENG 101/102(ENGL 101/102), MAT 131 (MATH 150), COM 115 (CMST 101), ECO 202 (ECON 240) and BIO 225 (BIOL 202). Take CHM 151 (CHEM200/201), CHM 152 (CHEM 210), PHY 205 (PHYS 205A/255A), PHY 206 (PHYS 205B/225B), MAT 201 (MATH250), MAT 202 (MATH 251) and MAT 205 (MATH 305). Take PHY 201 (ENGR 250), PHY 202 (ENGR 261) and PHY 203 (ENGR 350A).

SIUE TRANSFER INFORMATION

SIUE offers a B.S degree in Civil Engineering

Take ENG 101/102 (ENG 101/102), COM 116 (ACS 103), MAT 131 (MATH 150), MATH 201 (MATH 152), MAT 202 (MATH 250) and MAT 205 (MATH 305). Take BIO 100 or 101 or 102 or 105 (to satisfy a BREATH LIFE SCIENCE-BLS requirement). Take PHY 205 (PHYS 151L), PHY 206 (PHY 152L), EGR 101 (CE 204), PHY 201 (CE 240), PHY 203 (CE 242), PHY 202 (ME 262), ECO 201 (ECON 111) and CPS 206 (CS 140).

CHEM 131, CHEM 135, PHYS 141, PHYS 142 and CE 206 are also required but an equivalent at JALC is currently not offered/articulated.

UIUC TRANSFER INFORMATION

UIUC offers a B.S. in Civil Engineering

For admission, students are expected to have a minimum GPA of 3.00 (A= 4.00). The average GPA for Civil Engineering applicants was 3.86 for the fall 2019 semester.

Take ENG 101/102 (RHET 105), CHM 151 (CHEM 102/103), CHM 152 (CHEM 104/105), MAT 131 (MATH 220), PHY 205(PHYS 211), ECO 202 (ECON 102) or ECO 201 (ECON 103) and CPS 206 (CS 101).

Take MAT 202 (MATH 241 with the completion of a bridge course at UIUC- MATH 292), MAT 221 (MATH 225), MAT 205 (MATH 284), PHY 206 (PHYS 212), PHY 201 (TAM 211), PHY 202 (TAM 212), PHY 203 (TAM 251) and CPS 206 (CS 101).

To satisfy a graduation requirement, students must complete a single foreign language through the third level (FRE 201, GER 201 OR SPN 201). This is not a requirement for admission.

OTHER

Of the Illinois Public Senior Institutions, UIC also offers a Civil Engineering degree program.



John A. Logan College

Associate in Engineering Science Degree in Computer Engineering

Transfer Curriculum AES 0096
Associate in Engineering Science:
64-66 Hrs. Min.
Major Code: 1.1 140901
Effective Date: Fall 2020

GENERAL EDUCATION (IAI GECC, 27-39 CREDITS)

The Illinois Articulation Initiative (IAI) General Education Core Curriculum (GECC) requires 27 to 39 credit hours from the following five areas: communication; mathematics; physical and life sciences; humanities; and social and behavioral sciences. Courses selected to meet IAI GECC requirements may also meet course requirements for a specific major.

Consult with the transfer institution to determine if certain courses require a grade of "C" or higher, or if there is a minimum grade point average for admission to your declared major. Please select courses on this guide in accordance with the Articulation Notes for your transfer institution.

FIRST SEMESTER (FALL)

Dept.	No.		Hrs.	Grade
MAT	131	Calculus I	5	_____
EGR	101	Engineering Graphics <u>or</u> Elective***	3	_____
ENG	101	English Composition I	3	_____
CHM	151	Chemical Principles	5	_____
ORI	100	College 101	1	_____
			17	

Fall Only Courses:

EGR 101
CHM 201
CPS 215
MAT 202
PHY 201
PHY 206

Spring Only Courses:

CHM 202
CPS 206
MAT 205
PHY 202
PHY 203
PHY 214/224

*Recommended Social Science electives: ANT 111, ANT 202, ANT 216, GEO 112, SOC 215. For other IAI Social Science Electives, see below.

SECOND SEMESTER (SPRING)

Dept.	No.		Hrs.	Grade
MAT	201	Calculus II	5	_____
PHY	205	University Physics I	5	_____
CPS	206	Computer Science I	4	_____
ENG	102	English Composition II	3	_____
			17	

**Recommended Humanities/Fine Arts Electives: HIS 103, HIS 104, HIS 213, LIT 284, LIT 295, PHL 200. For other IAI Humanities, see below.

***Choose electives based on your chosen transfer institution requirements.

IAI INFORMATION: This guide follows the guidelines established by the IAI Engineering major Panel for an Associates in Engineering Science Degree. This guide is not designed to complete the full IAI GECC component. You will need to fulfill the remaining IAI GECC courses at your transfer institution.

THIRD SEMESTER (FALL)

Dept.	No.		Hrs.	Grade
MAT	202	Calculus III	3	_____
PHY	206	University Physics II	5	_____
CPS	215	Computer Science II	4	_____
ECO	201	Macroeconomics <u>or</u> Social Science Elective*	3	_____
			15	

IAI Fine Arts Electives:

Art: ART 111, 220, 221, 291
Literature: LIT 275
Music: MUS 105, 225
Theater: THE 113

IAI Humanities Electives:

Foreign Language: FRE 202, GER 202, SPN 202
History: HIS 101, 102, 213
Literature: LIT 210, 230, 235, 264, 280, 281, 284, 295
Philosophy: PHL 111, 121, 131, 200, 260

FOURTH SEMESTER (SPRING)

Dept.	No.		Hrs.	Grade
MAT	205	Differential Equations	3	_____
PHY	224	Electric Circuit Analysis w/Lab <u>or</u> PHY 214 Intro to Circuit Analysis	4-3	_____
ECO	202	Microeconomics <u>or</u> Social Science Elective*	3	_____
		Fine Arts/Humanities Elective**	3	_____
		IAI Life Science Elective <u>or</u> Elective***	3-4	_____
			15-17	

IAI Social and Behavioral Sciences Electives:

Anthropology: ANT 111, 202, 216, 240
Economics: ECO 201, 202
Geography: GEO 112
History: HIS 103, 104, 201, 202
Political Science: PSC 131, 211, 212, 213, 289
Psychology: PSY 132, 200, 203, 262
Sociology: SOC 133, 221, 263, 264

IAI Life Science Electives:

Biology: BIO 100, 101, 105, 225
Interdisciplinary: PHS 101 with PHS 111, SCI 210A and SCI 210B
Life Science: SCI 215

***Please see your advisor for possible specific four-year university transfer guides.**

ARTICULATION NOTES: Consult your academic advisor and/or transfer institution to assess if any courses required for your major require a grade of C or higher and if there is a minimum grade point average needed for admission consideration into your major.

IAI ENGINEERING MAJOR PANEL INFORMATION

Take CPS 206 (IAI CS 911), CPS 215 (CS 912), PHY 214 (EGR 931 or PHY 224).
Equivalent to the Digital Systems courses are currently not offered (IAI EGR 932 OR 932L).

Take MAT 131(MTH 901), MAT 201 (MTH 902), MAT 202 (MTH 903), MAT 205 (MTH 912), CHM 151 (CHM 911), PHY 205 (PHY 911) and PHY 206 (PHY 912). ECO 202 (IAI S3 902) is recommended. In addition, a two course sequence is recommended. If ECO 202 is selected, then add ECO 201 (S3 901).

SIUC TRANSFER INFORMATION

SIUC offers a B.S. degree in Computer Engineering

Take COM 115 (CMST 101), ENG 101 (ENGL 101), ENG 102 (ENGL 102), MAT 131 (MATH 150) and BIO 225 (BIO 202). Take PHY 205 (PHYS 205A/255A), PHY 206 (PHYS 205B/255B) CHM 151 (CHEM 200/201) or BIO 205 (PHSL 201/208), Take MAT 201 (MATH 259), MAT 202 (MATH 251), MAT 205 (MATH 305), PHY 214 (ECE 235) and PHY 224 (ECE235L). ECE-24 TECHNICAL ELECTIVE CREDITS (24) MUST BE APPROVED BY THE SIUC Electrical and Computer Engineering (ECE) department. GENERAL TECHNICAL ELECTIVES (6) MUST ALSO BE APPROVED BY THE SIUC ECE DEPARTMENT.

SIUE TRANSFER INFORMATION

SIUE offers a B.S. degree in Computer Engineering

Take ENG 101 (ENG 101), ENG 102 (ENG 102), COM 116 (ACS 103), MAT 131 (MATH 150), MAT 201 (MATH 152), MAT 202 (MATH 250), MAT 205 (MATH 305), CPS 206 (CS 140), CPS 215 (CS 150), PHY 205 (PHYS 151L), PHY 206 (PHYS 152L) and ECO 201 (ECON 111).

CHEM 131, CHEM 135, PHYS 141 and PHYS 142 are also required but currently JALC does not offer an equivalent course.

UIUC TRANSFER INFORMATION

UIUC offers a B.S. degree in Computer Engineering. It is generally expected that applicants have a minimum GPA of 3.00(A=4.00). The average GPA of fall 2019 admits to Computer Engineering was at 3.88.

Take ENG 101/102 (RHET 105), CHM 151 (CHEM 102/103), CHM 152 (CHEM 104/105, MAT 131 (MATH 220), PHY 205 (PHYS 211), ECO 202(ECON 102) or ECO 201 (ECON 103) is recommended. In addition, CPS 206 (CS 125) is recommended. A foreign language through the third level (FRE 201, GER 201 or SPN 201) is required as a graduation requirement not for admission.

OTHER

Among the Illinois Public Senior Institutions, NIU and UIC also offers a degree in Computer Engineering.



John A. Logan College

Associate in Engineering Science Degree in Electrical Engineering

Transfer Curriculum AES 0096
Associate in Engineering Science:
66-67 Hrs. Min.
Major Code: 1.1 141001
Effective Date: Fall 2020

GENERAL EDUCATION (IAI GECC, 27-39 CREDITS)

The Illinois Articulation Initiative (IAI) General Education Core Curriculum (GECC) requires 27 to 39 credit hours from the following five areas: communication; mathematics; physical and life sciences; humanities; and social and behavioral sciences. Courses selected to meet IAI GECC requirements may also meet course requirements for a specific major.

Consult with the transfer institution to determine if certain courses require a grade of "C" or higher, or if there is a minimum grade point average for admission to your declared major. Please select courses on this guide in accordance with the Articulation Notes for your transfer institution.

FIRST SEMESTER (FALL)

Dept.	No.		Hrs.	Grade
MAT	131	Calculus I	5	_____
EGR	101	Engineering Graphics or Elective***	3	_____
ENG	101	English Composition I	3	_____
CHM	151	Chemical Principles	5	_____
ORI	100	College 101	1	_____
			17	

Fall Only Courses:

EGR 101
CHM 201
CPS 215
MAT 202
PHY 201
PHY 206

Spring Only Courses:

CHM 202
CPS 206
MAT 205
PHY 202
PHY 203
PHY 214/224

*Recommended Social Science Electives: ANT 111, ANT 202, ANT 216, GEO 112, SOC 215. For other IAI Social Science Electives, see below.

**Recommended Humanities/Fine Arts Electives: HIS 103, HIS 104, HIS 213, LIT 284, LIT 295, PHL 200. For other IAI Humanities, see below.

SECOND SEMESTER (SPRING)

Dept.	No.		Hrs.	Grade
MAT	201	Calculus II	5	_____
PHY	205	University Physics I	5	_____
CPS	206	Computer Science I or CHM 152 Chemical Principles with Qualitative Analysis***	4-5	_____
ENG	102	English Composition II	3	_____
			17	

***Choose electives based on your chosen transfer institution requirements.

IAI INFORMATION: This guide follows the guidelines established by the IAI Engineering major Panel for an Associates in Engineering Science Degree. This guide is not designed to complete the full IAI GECC component. You will need to fulfill the remaining IAI GECC courses at your transfer institution.

IAI Fine Arts Electives:

Art: ART 111, 220, 221, 291
Literature: LIT 275
Music: MUS 105, 225
Theater: THE 113

IAI Humanities Electives:

Foreign Language: FRE 202, GER 202, SPN 202
History: HIS 101, 102, 213
Literature: LIT 210, 230, 235, 264, 280, 281, 284, 295
Philosophy: PHL 111, 121, 131, 200, 260

THIRD SEMESTER (FALL)

Dept.	No.		Hrs.	Grade
MAT	202	Calculus III	3	_____
PHY	206	University Physics II	5	_____
ECO	201	Microeconomics or Social Science Elective*	3	_____
		Humanities/Fine Arts Elective**	3	_____
		Life Science Elective	3-4	_____
			17-18	

IAI Social and Behavioral Sciences Electives:

Anthropology: ANT 111, 202, 216, 240
Economics: ECO 201, 202
Geography: GEO 112
History: HIS 103, 104, 201, 202
Political Science: PSC 131, 211, 212, 213, 289
Psychology: PSY 132, 200, 203, 262
Sociology: SOC 133, 221, 263, 264

FOURTH SEMESTER (SPRING)

Dept.	No.		Hrs.	Grade
MAT	205	Differential Equations	3	_____
PHY	224	Electric Circuit Analysis w/Lab or		
PHY	214	Intro to Circuit Analysis	4-3	_____
ECO	202	Microeconomics or Social Science Elective*	3	_____
		Fine Arts/Humanities Elective**	3	_____
COM	115	Speech	3	_____
			15-16	

IAI Life Science Electives:

Biology: BIO 100, 101, 105, 225
Interdisciplinary: PHS 101 with PHS 111, SCI 210A and SCI 210B
Life Science: SCI 215

Please see your advisor for possible specific four-year university transfer guides.

ARTICULATION NOTES: Consult your academic advisor and/or transfer institution to assess if any courses required for your major require a grade of C or higher and if there is a minimum grade point average needed for admission consideration into your major.

IAI ENGINEERING MAJOR PANEL INFORMATION

Take MAT131-5 (MTH 901), MAT 201-5 (MTH 902), MAT 202-3 (MTH 903), MAT205-3 (MTH 912). Take CHM 151-5 (MTH 912), PHY 205-5 (PHY 911), PHY 206-5 (PHY 912) and CPS 206 (CS 911).

ECO 201 (S3 902 is recommended for all Engineering specializations but required for Industrial Engineering. If two Social and Behavioral Science courses

are selected, a two course sequence in the same discipline is recommended (ECO 201-S3 901. A non-Western cultures course within the U.S. recommended (ANT 202, LIT 284, 295, SOC 215, 221)

SIUE TRANSFER INFORMATION

SIUE offers a B.B. degree in Electrical Engineering. Take ENG 101 (ENG 101), ENG 102 (ENG 102), COM 116 (ACS103), MAT 131 (MATH 150), MAT 201 (MATH 152), MAT 202 (MATH 250) and MAT 205 (MATH 305). Take ECO 201 (ECON 111), PHY 205 (PHY 151) and PHY 214 or 215 (ECE 210). SIUE requires a CHEM 131, 135, PHYS 141,142. ECE 211 and CS 145 but equivalents are not currently available.

SIUC TRANSFER INFORMATION

SIUC offers a B.S. degree in Electrical Engineering with a Biomedical specialization and a Power and Energy Engineering specialization.

--BIOMEDICAL SPECIALIZATION.

Take COM 115 (CMST 101), ENG 101 (ENGL 101), ENG102 (ENGL 102), MAT 131 (MATH 150), BIO 225 (BIO 202), PHY 205 (PHYS 205A) and PHY 206 (PHYS 205B).

For the biomedical Specialization requirements, take PHY 205(PHYS 205A/255A), PHY 206 (PHYS 205B/255B), BIO225 (BIO 202, CHM 151 or BIO 205 (Science Elective with lab)

Take CPS 206 or 176 (ECE 222), PHY 214 (ECE 235) and PHY 224 (ECE 235L).

Take ECE Technical Electives that are approved by the ECE department. Take General Technical Electives approved by the ECE department.

--POWER and ENERGY ENGINEERING SPECIALIZATION

Take COM 115 (CMST 101), ENG 101 (ENGL 101), ENG 102 (ENGL 102), MAT 131 (MATH 150), BIO 225 (BIO 202) and PHY 205/206 (PHYS 205A/B)

For the power and energy engineering specialization requirements, further information was not available at the time of preparing this document.

UIUC TRANSFER INFORMATION

UIUC offers a degree in Electrical Engineering under the College of Engineering. For admission consideration, the expected minimum GPA is a 3.00 (A=4.00).

The average GPA for admitted transfer students for the fall 2019 semester in Electrical Engineering was at 3.86.

Take ENG 101/102 (RHET 105), CHM 151 (CHEM 102/103), CHEM 152 (CHEM 104/105), MAT 131 (MATH 220), MAT 201 (MATH 231), PHY 205 (PHY 211), ECO 202 (ECON 102) or ECO 201 (ECON 103) and CPS 206 (CS 101 or CS 125).

Take MAT 202 (to obtain equivalency to MATH 241, a UIUC bridge course must be completed-MATH 292). Take PHY 206 (PHYS 212), PHY 201 (TAM 211), PHY 202 (TAM 212) and PHY 203 (TAM 251)

As a Graduation Requirement, students must complete a foreign language through the third level (FRE 201, GER 201 or SPN 201). This is not a requirement for admission.

OTHER

Of the other Illinois Public Senior Institutions, EIU (new in 2020), UIC and NIU offer a degree program in Electrical Engineering



John A. Logan College

Associate in Engineering Science Degree in Industrial Engineering

Transfer Curriculum AES 0096
Associate in Engineering Science:
66-67 Hrs. Min.
Major Code: 1.1 143801
Effective Date: Fall 2020

GENERAL EDUCATION (IAI GECC, 27-39 CREDITS)

The Illinois Articulation Initiative (IAI) General Education Core Curriculum (GECC) requires 27 to 39 credit hours from the following five areas: communication; mathematics; physical and life sciences; humanities; and social and behavioral sciences. Courses selected to meet IAI GECC requirements may also meet course requirements for a specific major.

Consult with the transfer institution to determine if certain courses require a grade of "C" or higher, or if there is a minimum grade point average for admission to your declared major. Please select courses on this guide in accordance with the Articulation Notes for your transfer institution.

FIRST SEMESTER (FALL)

Dept.	No.		Hrs.	Grade
MAT	131	Calculus I	5	_____
EGR	101	Engineering Graphics or Elective***	3	_____
ENG	101	English Composition I	3	_____
CHM	151	Chemical Principles	5	_____
ORI	100	College 101	1	_____
			17	

Fall Only Courses:

EGR 101
CHM 201
CPS 215
MAT 202
PHY 201
PHY 206

Spring Only Courses:

CHM 202
CPS 206
MAT 205
PHY 202
PHY 203
PHY 214/224

*Recommended Social Science electives: ANT 111, ANT 202, ANT 216, GEO 112, SOC 215. For other IAI Social Science Electives, see below.

**Recommended Humanities/Fine Arts Electives: HIS 103, HIS 104, HIS 213, LIT 284, LIT 295, PHL 200. For other IAI Humanities, see below.

***Choose electives based on your chosen transfer institution requirements.

SECOND SEMESTER (SPRING)

Dept.	No.		Hrs.	Grade
MAT	201	Calculus II	5	_____
PHY	205	University Physics I	5	_____
CPS	206	Computer Science I	4	_____
ENG	102	English Composition II	3	_____
			17	

IAI INFORMATION: This guide follows the guidelines established by the IAI Engineering major Panel for an Associates in Engineering Science Degree. This guide is not designed to complete the full IAI GECC component. You will need to fulfill the remaining IAI GECC courses at your transfer institution

THIRD SEMESTER (FALL)

Dept.	No.		Hrs.	Grade
MAT	202	Calculus III	3	_____
PHY	206	University Physics II	5	_____
PHY	201	Statics	3	_____
ECO	201	Macroeconomics or Social Science Elective*	3	_____
		Fine Arts/Humanities Elective**	3	_____
			17	

IAI Fine Arts Electives:

Art: ART 111, 220, 221, 291
Literature: LIT 275
Music: MUS 105, 225
Theater: THE 113

IAI Humanities Electives:

Foreign Language: FRE 202, GER 202, SPN 202
History: HIS 101, 102, 213
Literature: LIT 210, 230, 235, 264, 280, 281, 284, 295
Philosophy: PHL 111, 121, 131, 200, 260

FOURTH SEMESTER (SPRING)

Dept.	No.		Hrs.	Grade
MAT	205	Differential Equations	3	_____
PHY	202	Dynamics	3	_____
PHY	203	Mechanics of Materials	3	_____
ECO	202	Microeconomics or Social Science Elective*	3	_____
		IAI Life Science Elective or Elective***	3-4	_____
			15-16	

IAI Social and Behavioral Sciences Electives:

Anthropology: ANT 111, 202, 216, 240
Economics: ECO 201, 202
Geography: GEO 112
History: HIS 103, 104, 201, 202
Political Science: PSC 131, 211, 212, 213, 289
Psychology: PSY 132, 200, 203, 262
Sociology: SOC 133, 221, 263, 264

IAI Life Science Electives:

Biology: BIO 100, 101, 105, 225
Interdisciplinary: PHS 101 with PHS 111, SCI 210A and SCI 210B
Life Science: SCI 215

***Please see your advisor for possible specific four-year university transfer guides.**

ARTICULATION NOTES: Consult your academic advisor and/or transfer institution to assess if any courses required for your major require a grade of C or higher and if there is a minimum grade point average needed for admission consideration into your major.

IAI ENGINEERING MAJOR PANEL INFORMATION

Take EGR 101 (EGR 9410, PHY 201 (EGR 942), PHY 202 (EGR 943) and PHY 203 (EGR 945).

Take MAT 131 (MTH 901), MAT 201 (MTH 902) and MAT 202 (MTH 903). Take CHM 151 (CHM 911), PHY 205 (PHY 911), PHY 206 (PHY 912) and CPS 206 (CS

911). Take ECO 202 (IAI S3 902). IF TWO COURSES ARE SELECTED FROM THIS IAI GECC CATEGORY, A TWO COURSE SEQUENCE IS RECOMMENDED (take ECO 201-IAI GECC S3 901).

SIUC TRANSFER INFORMATION

SIUC does not offer a B.S. degree in INDUSTRIAL ENGINEERING. SIUC does offer a B.S. degree in industrial Management and Applied Engineering under the Department of Technology. This is an management oriented technical profession that is built upon sound knowledge and understanding of materials , processes, technical management and human relations; and a proficiency level in the physical sciences, mathematics and technical skills to permit the graduate to capably resolve technical-management an production problems.

SIUE TRANSFER INFORMATION

SIUE offers a B.B. degree in Industrial Engineering.

Take ENG 101 (ENG 101, ENG 102 (ENG 102) and ACS 103 (COM 116). Take MAT 131 (MATH 150), MAT 201 (MATH 152), MAT 202 (MATH 250 and MAT 205 (MATH 305). Take EGR 101 (CE 204), PHY 201 (CE 240), PHY 203 (CE 242), PHY 205 (PHYS 151L), PHY 206 (PHYS 152L), PHY 214 or PHY 215 (ECE 210) and ECO 201 (ECON 111).

UIUC TRANSFER INFORMATION

UIUC offers a B.S. degree in Industrial Engineering.

It is generally expected that applicants have a minimum of 3.00 (A= 4.00) overall GPA. The average GPA of a 2019 admitted transfer student in Industrial Engineering was at 3.85.

Take ENG 101/102 (RHET 105). CHM 151 (CHEM 102/103) CHM 202 (CHEM 104/105), MAT 131 (MATH 220), MAT 201 (MATH 231) and PHY 205 (PHYS 211). Take ECO 202 (ECON 102) or ECO 201 (ECON 103) and CPS 206 (CS 101 or 125.)

FOREIGN LANGUAGE THROUGH THE THIRD LEVEL (FRE 201, GER 201 or SPN 201) IS NOT REQUIRED FOR ADMISSION BUT IS REQUIRED AS A GRADUATION REQUIREMENT.

Take MAT 202 (FOR MATH 241 CREDIT, STUDENT WILL NEED TO TAKE UIUC BRIDGE COURSE-MATH 292), MAT 205 (MATH 284), PHY 206 (PHYS 212), PHY 201 (TAM211), PHY 202 (TAM 212), PHY 203 (TAM 251).

OTHER

UIC and CSU OFFER A BS DEGREE IN INDUSTRIAL ENGINEERING NIU OFFERS A BS DEGREE IN INDUSTRIAL AND SYSTEMS ENGINEERING



John A. Logan College

Associate in Engineering Science Degree in Mechanical Engineering

Transfer Curriculum AES 0096
Associate in Engineering Science:
67-68 Hrs. Min.
Major Code: 1.1 141901
Effective Date: Fall 2020

GENERAL EDUCATION (IAI GECC, 27-39 CREDITS)

The Illinois Articulation Initiative (IAI) General Education Core Curriculum (GECC) requires 27 to 39 credit hours from the following five areas: communication; mathematics; physical and life sciences; humanities; and social and behavioral sciences. Courses selected to meet IAI GECC requirements may also meet course requirements for a specific major.

Consult with the transfer institution to determine if certain courses require a grade of "C" or higher, or if there is a minimum grade point average for admission to your declared major. Please select courses on this guide in accordance with the Articulation Notes for your transfer institution.

FIRST SEMESTER (FALL)

Dept.	No.		Hrs.	Grade
MAT	131	Calculus I	5	_____
EGR	101	Engineering Graphics <u>or</u> Elective***	3	_____
ENG	101	English Composition I	3	_____
CHM	151	Chemical Principles	5	_____
ORI	100	College 101	1	_____
			17	

Fall Only Courses:

EGR 101
CHM 201
CPS 215
MAT 202
PHY 201
PHY 206

Spring Only Courses:

CHM 202
CPS 206
MAT 205
PHY 202
PHY 203
PHY 214/224

*Recommended Social Science electives: ANT 111, ANT 202, ANT 216, GEO 112, SOC 215. For other IAI Social Science Electives, see below.

SECOND SEMESTER (SPRING)

Dept.	No.		Hrs.	Grade
MAT	201	Calculus II	5	_____
PHY	205	University Physics I	5	_____
CPS	206	Computer Science I <u>or</u> CHM 152 Chemical Principles w/ Qualitative Analysis***	4-5	_____
ENG	102	English Composition II	3	_____
			17-18	

**Recommended Humanities/Fine Arts Electives: HIS 103, HIS 104, HIS 213, LIT 284, LIT 295, PHL 200. For other IAI Humanities, see below.

***Choose electives based on your chosen transfer institution requirements.

IAI INFORMATION: This guide follows the guidelines established by the IAI Engineering major Panel for an Associates in Engineering Science Degree. This guide is not designed to complete the full IAI GECC component. You will need to fulfill the remaining IAI GECC courses at your transfer institution.

THIRD SEMESTER (FALL)

Dept.	No.		Hrs.	Grade
MAT	202	Calculus III	3	_____
PHY	206	University Physics II	5	_____
PHY	201	Statics	3	_____
ECO	201	Macroeconomics <u>or</u> Social Science Elective*	3	_____
IAI Life Science Elective <u>or</u> Elective***			3-4	_____
			17-18	

IAI Fine Arts Electives:

Art: ART 111, 220, 221, 291
Literature: LIT 275
Music: MUS 105, 225
Theater: THE 113

IAI Humanities Electives:

Foreign Language: FRE 202, GER 202, SPN 202
History: HIS 101, 102, 213
Literature: LIT 210, 230, 235, 264, 280, 281, 284, 295
Philosophy: PHL 111, 121, 131, 200, 260

FOURTH SEMESTER (SPRING)

Dept.	No.		Hrs.	Grade
MAT	205	Differential Equations	3	_____
PHY	202	Dynamics	3	_____
PHY	203	Mechanics of Materials	3	_____
PHY	224	Electric Circuit Analysis w/ Lab <u>OR</u> PHY 214 Intro to Circuit Analysis	4-3	_____
ECO	202	Microeconomics <u>or</u> Social Science Elective*	3	_____
			16	

IAI Social and Behavioral Sciences Electives:

Anthropology: ANT 111, 202, 216, 240
Economics: ECO 201, 202
Geography: GEO 112
History: HIS 103, 104, 201, 202
Political Science: PSC 131, 211, 212, 213, 289
Psychology: PSY 132, 200, 203, 262
Sociology: SOC 133, 221, 263, 264

IAI Life Science Electives:

Biology: BIO 100, 101, 105, 225
Interdisciplinary: PHS 101 with PHS 111, SCI 210A and SCI 210B
Life Science: SCI 215

Please see your advisor for possible specific four-year university transfer guides.

ARTICULATION NOTES: Consult your academic advisor and/or transfer institution to assess if any courses required for your major require a grade of C or higher and if there is a minimum grade point average needed for admission consideration into your major.

IAI ENGINEERING MAJOR PANEL INFORMATION

Take EGR 101 (IAI EGR 941), PHY 201 (EGR 942), PHY 202 (EGR 943), PHY 214 (EGR 931) or PHY 214 and 224 (EGR 931L) and PHY 203 (EGR 945).
Take MAT 131 (IAI MTH 901), MAT 201 (MTH 902), MAT 202 (MTH 903), CHM 151 (CHM 911), PHY 205 (PHY 911), PHY 206 (PHY 912) and CPS 206 (CS 911).

ECO 202 (IAI S3 9020 is recommended. In addition, if two courses are selected in this GECC area, a two course sequence is recommended (ECO 202 and ECO 201)

SIUC TRANSFER INFORMATION.

SIUC offers a B.S. degree in Mechanical Engineering. In addition, a specialization and minor is available in Energy Engineering.

Take BIO 225 (BIO 202), ECO 202 (ECON 240) and MAT 131 (MATH 150).

Take CHM 151 (CHEM 200/201) and CHM 152 (CHEM 210), PHY 205 (PHYS 205A/255A), PHY 206 (PHYS 205B/255B), MAT 131(MATH 150), MAT 201 (MATH 250), MAT 202 (MATH 251), MAT 205 (MATH 305), PHY201 (ENGR 250), PHY 202 (ENGR 261), PHY 203 (ENGR 350A) and EGR 101 (ME 102).

SIUE TRANSFER INFORMATION

SIUE offers a B.S. degree in Mechanical Engineering

Take MAT 131 (MATH 150), MAT 201 (MATH 152), MAT 202 (MATH 250), MAT 205 (MATH 205), EGR 101 (CE 204), PHY 201 (CE 240), PHY 205 (PHYS 151L), PHY 206 (PHYS 152L), PHY 202 (ME 262), PHY 203 (CE 242), PHY 214 or 215 (ECE 210), ECO 201 (ECON 111) and COM 116 (ACS 103).

CHEM 131-ENGINEERING CHEMISTRY, CHEM 135-ENGINEERING CHEMISTRY LAB, PHYS 141-PHYSICS I FOR ENGINEERING, PHY 142-PHYSICS II FOR ENGINEERING, IE 106-ENGINEERING PROBLEM SOLVING AND CS 145-INTRO TO COMPUTING FOR ENGINEERS ARE ALSO REQUIRED BUT EQUIVALENTS ARE CURRENTLY NOT OFFERED AT JALC.

UIUC TRANSFER INFORMATION

UIUC offers a degree in Mechanical Engineering. It is generally expected that applicants to an Engineering program will have a minimum GPA of 3.00 (A=4.00). The average GPA in 2019 for admitted transfer students was 3.91 for Mechanical Engineering.

Take ENG 101/102 (RHET 105), CHM 151 (CHEM 102/103), CHM 152 (CHEM 104/105), MAT 131 (MATH 220), PHY 205 (PHYS 211), ECO 202 (ECON 102), ECO 201 (ECON 103) and CPS 206 (CS101).

Also take MAT202 (MATH 241-to get credit for 241 a bridge course must be completed at UIUC /MATH 292), MAT 205(MATH 284), PHY 206 (PHYS 212), PHY 201 (TAM 211), PHY 202 (TAM 212), PHY 203 (TAM 251)

As a Graduation Requirement, a single foreign language through the third level-FRE 201, GER 201 or SPN 201 is required. It is not an admission requirement.

OTHER

Of the other Illinois Public Senior Institutions, NIU, UIC and WIU offer a degree in Mechanical Engineering.



John A. Logan College

Associate in Engineering Science Degree in General Engineering

Transfer Curriculum AES 0096
Associate in Engineering Science:
67-69 Hrs. Min.
Major Code: 1.1 140101
Effective Date: Fall 2020

GENERAL EDUCATION (IAI GECC, 27-39 CREDITS)

The Illinois Articulation Initiative (IAI) General Education Core Curriculum (GECC) requires 27 to 39 credit hours from the following five areas: communication; mathematics; physical and life sciences; humanities; and social and behavioral sciences. Courses selected to meet IAI GECC requirements may also meet course requirements for a specific major.

Consult with the transfer institution to determine if certain courses require a grade of "C" or higher, or if there is a minimum grade point average for admission to your declared major. Please select courses on this guide in accordance with the Articulation Notes for your transfer institution.

FIRST SEMESTER (FALL)

Dept.	No.		Hrs.	Grade
MAT	131	Calculus I	5	_____
EGR	101	Engineering Graphics <u>or</u> Elective***	3	_____
ENG	101	English Composition I	3	_____
CHM	151	Chemical Principles	5	_____
ORI	100	College 101	1	_____
			17	

SECOND SEMESTER (SPRING)

Dept.	No.		Hrs.	Grade
MAT	201	Calculus II	5	_____
PHY	205	University Physics I	5	_____
CPS	206	Computer Science I <u>or</u> CHM 152 Chemical Principles w/ Qualitative Analysis***	4-5	_____
ENG	102	English Composition II	3	_____
			17-18	

THIRD SEMESTER (FALL)

Dept.	No.		Hrs.	Grade
MAT	202	Calculus III	3	_____
PHY	206	University Physics II	5	_____
PHY	201	Statics	3	_____
ECO	201	Macroeconomics <u>or</u> Social Science Elective*	3	_____
			3	_____
			17	

FOURTH SEMESTER (SPRING)

Dept.	No.		Hrs.	Grade
MAT	205	Differential Equations	3	_____
PHY	202	Dynamics	3	_____
ECO	202	Microeconomics <u>or</u> Social Science Elective*	3	_____
			3-4	_____
IAI Life Science Elective or Elective***				
PHY	224	Electric Circuit Analysis w/Lab <u>or</u> PHY 214 Intro to Circuit Analysis	4-3	_____
			16-17	

Fall Only Courses:

EGR 101
CHM 201
CPS 215
MAT 202
PHY 201
PHY 206

Spring Only Courses:

CHM 202
CPS 206
MAT 205
PHY 202
PHY 203
PHY 214/224

*Recommended Social Science electives: ANT 111, ANT 202, ANT 216, GEO 112, SOC 215. For other IAI Social Science Electives, see below.

**Recommended Humanities/Fine Arts Electives: HIS 103, HIS 104, HIS 213, LIT 284, LIT 295, PHL 200. For other IAI Humanities, see below.

***Choose electives based on your chosen transfer institution requirements.

IAI INFORMATION: This guide follows the guidelines established by the IAI Engineering major Panel for an Associates in Engineering Science Degree. This guide is not designed to complete the full IAI GECC component. You will need to fulfill the remaining IAI GECC courses at your transfer institution.

IAI Fine Arts Electives:

Art: ART 111, 220, 221, 291
Literature: LIT 275
Music: MUS 105, 225
Theater: THE 113

IAI Humanities Electives:

Foreign Language: FRE 202, GER 202, SPN 202
History: HIS 101, 102, 213
Literature: LIT 210, 230, 235, 264, 280, 281, 284, 295
Philosophy: PHL 111, 121, 131, 200, 260

IAI Social and Behavioral Sciences Electives:

Anthropology: ANT 111, 202, 216, 240
Economics: ECO 201, 202
Geography: GEO 112
History: HIS 103, 104, 201, 202
Political Science: PSC 131, 211, 212, 213, 289
Psychology: PSY 132, 200, 203, 262
Sociology: SOC 133, 221, 263, 264

IAI Life Science Electives:

Biology: BIO 100, 101, 105, 225
Interdisciplinary: PHS 101 with PHS 111, SCI 210A and SCI 210B
Life Science: SCI 215

Please see your advisor for possible specific four-year university transfer guides.

This curriculum guide should be followed by those students who have not yet decided which engineering specialty they wish to pursue.

ARTICULATION NOTES: Consult your academic advisor and/or transfer institution to assess if any courses required for your major require a grade of C or higher and if there is a minimum grade point average needed for admission consideration into your major.

IAI ENGINEERING MAJOR PANEL INFORMATION

This guide is designed for the student who begins at one Illinois institution and later transfer to another. If an Engineering specialty has been determined, follow the recommendations for that specific specialty.

*IAI GECC RECOMMENDATIONS (if undecided), take ENG 101 (IAI C1 900), ENG 102 (C1 901R), MAT 131 (M1 900-1), MAT 201 (M1 900-2), MAT 202 (M1 900-3), CHM 151 (P1 902L), ECO 202 (S3 902).

NOTE: IF A TWO COURSES ARE SELECTED IN A FIELD UNDER SOCIAL/BEHAVIORAL SCIENCES, A TWO COURSE SEQUENCE IN THE SAME DISCIPLINE IS RECOMMENDED (take ECO 201-S3 901).

*IAI MAJOR RECOMMENDATIONS (if undecided), take MAT 205 (MTH 912), PHY 205 (PHY 911), PHY 206 (PHY 912) and CPS 206 (CS 911).

*IAI ENGINEERING SPECIALTY COURSES (if undecided): EGR 101 (EGR 941), PHY 201 (EGR 941), PHY 202 (EGR 943) and PHY 214 (EGR 931)

TO REACH THE 68 HOUR DEGREE REQUIREMENT, THE ADDITIONAL HOURS SHOULD BE USED TOWARD FULFILLING THE COMPLETE GECC PACKAGE (IAI HUMANITIES AND FINE ARTS-9, SOCIAL/BEHAVIORAL SCIENCES 3-6 AND PHYSICAL/LIFE SCIENCES-LIF SCIENCE COURSE)

OTHER

The following Illinois Public Senior Institutions offer one or more options in Engineering (CSU, EIU, NIU, SIUC, SIUE, UIC, UIUC and EIU).



John A. Logan College

Associate in Engineering Science Degree for Undecided Engineering Students

Transfer Curriculum AES 0096
Associate in Engineering Science:
67-69 Hrs. Min.
Major Code: 1.1 140101
Effective Date: Fall 2020

GENERAL EDUCATION (IAI GECC, 27-39 CREDITS)

The Illinois Articulation Initiative (IAI) General Education Core Curriculum (GECC) requires 27 to 39 credit hours from the following five areas: communication; mathematics; physical and life sciences; humanities; and social and behavioral sciences. Courses selected to meet IAI GECC requirements may also meet course requirements for a specific major.

Consult with the transfer institution to determine if certain courses require a grade of "C" or higher, or if there is a minimum grade point average for admission to your declared major. Please select courses on this guide in accordance with the Articulation Notes for your transfer institution.

Fall Only Courses:

EGR 101
CHM 201
CPS 215
MAT 202
PHY 201
PHY 206

Spring Only Courses:

CHM 202
CPS 206
MAT 205
PHY 202
PHY 203
PHY 214/224

*Recommended Social Science electives: ANT 111, ANT 202, ANT 216, GEO 112, SOC 215. For other IAI Social Science Electives, see below.

**Recommended Humanities/Fine Arts Electives: HIS 103, HIS 104, HIS 213, LIT 284, LIT 295, PHL 200. For other IAI Humanities, see below.

***Choose electives based on your chosen transfer institution requirements.

IAI INFORMATION: This guide follows the guidelines established by the IAI Engineering major Panel for an Associates in Engineering Science Degree. This guide is not designed to complete the full IAI GECC component. You will need to fulfill the remaining IAI GECC courses at your transfer institution.

IAI Fine Arts Electives:

Art: ART 111, 220, 221, 291
Literature: LIT 275
Music: MUS 105, 225
Theater: THE 113

IAI Humanities Electives:

Foreign Language: FRE 202, GER 202, SPN 202
History: HIS 101, 102, 213
Literature: LIT 210, 230, 235, 264, 280, 281, 284, 295
Philosophy: PHL 111, 121, 131, 200, 260

IAI Social and Behavioral Sciences Electives:

Anthropology: ANT 111, 202, 216, 240
Economics: ECO 201, 202
Geography: GEO 112
History: HIS 103, 104, 201, 202
Political Science: PSC 131, 211, 212, 213, 289
Psychology: PSY 132, 200, 203, 262
Sociology: SOC 133, 221, 263, 264

IAI Life Science Electives:

Biology: BIO 100, 101, 105, 225
Interdisciplinary: PHS 101 with PHS 111, SCI 210A and SCI 210B
Life Science: SCI 215

Please see your advisor for possible specific four-year university transfer guides.

ARTICULATION NOTES: Consult your academic advisor and/or transfer institution to assess if any courses required for your major require a grade of C or higher and if there is a minimum grade point average needed for admission consideration into your major.

IAI ENGINEERING MAJOR PANEL INFORMATION

This guide is designed for the student who begins at one Illinois institution and later transfer to another. If an Engineering specialty has been determined, follow the recommendations for that specific specialty.

FIRST SEMESTER (FALL)

Dept.	No.		Hrs.	Grade
MAT	131	Calculus I	5	_____
EGR	101	Engineering Graphics <u>or</u> Elective***	3	_____
ENG	101	English Composition I	3	_____
CHM	151	Chemical Principles	5	_____
ORI	100	College 101	1	_____
			17	

SECOND SEMESTER (SPRING)

Dept.	No.		Hrs.	Grade
MAT	201	Calculus II	5	_____
PHY	205	University Physics I	5	_____
CPS	206	Computer Science I <u>or</u> CHM 152 Chemical Principles w/ Qualitative Analysis***	4-5	_____
ENG	102	English Composition II	3	_____
			17-18	

THIRD SEMESTER (FALL)

Dept.	No.		Hrs.	Grade
MAT	202	Calculus III	3	_____
PHY	206	University Physics II	5	_____
PHY	201	Statics	3	_____
ECO	201	Macroeconomics <u>or</u> Social Science Elective*	3	_____
		Humanities/Fine Arts Elective**	3	_____
			17	

FOURTH SEMESTER (SPRING)

Dept.	No.		Hrs.	Grade
MAT	205	Differential Equations	3	_____
PHY	202	Dynamics	3	_____
ECO	202	Microeconomics <u>or</u> Social Science Elective*	3	_____
		IAI Life Science Elective <u>or</u> Elective***	3-4	_____
PHY	224	Electric Circuit Analysis w/Lab <u>or</u> PHY 214 Intro to Circuit Analysis	4-3	_____
			16-17	

*IAI GECC RECOMMENDATIONS (if undecided), take ENG 101 (IAI C1 900), ENG 102 (C1 901R), MAT 131 (M1 900-1), MAT 201 (M1 900-2), MAT 202 (M1 900-3), CHM 151 (P1 902L), ECO 202 (S3 902).

NOTE: IF A TWO COURSES ARE SELECTED IN A FIELD UNDER SOCIAL/BEHAVIORAL SCIENCES, A TWO COURSE SEQUENCE IN THE SAME DISCIPLINE IS RECOMMENDED (take ECO 201-S3 901).

*IAI MAJOR RECOMMENDATIONS (if undecided), take MAT 205 (MTH 912), PHY 205 (PHY 911), PHY 206 (PHY 912) and CPS 206 (CS 911).

*IAI ENGINEERING SPECIALTY COURSES (if undecided): EGR 101 (EGR 941), PHY 201 (EGR 941), PHY 202 (EGR 943) and PHY 214 (EGR 931)
TO REACH THE 68 HOUR DEGREE REQUIREMENT, THE ADDITIONAL HOURS SHOULD BE USED TOWARD FULFILLING THE COMPLETE GECC PACKAGE (IAI HUMANITIES AND FINE ARTS-9, SOCIAL/BEHAVIORAL SCIENCES 3-6 AND PHYSICAL/LIFE SCIENCES-LIF SCIENCE COURSE)

OTHER

The following Illinois Public Senior Institutions offer one or more options in Engineering (CSU, EIU, NIU, SIUC, SIUE, UIC, UIUC and EIU).



John A. Logan College

Associate in Fine Arts Degree in Art Studio

Transfer Curriculum 00AFA2015
Associate in Fine Arts: 64 Hrs. Min.
Major Code: 1.1500701
Effective Date: Fall 2019

GENERAL EDUCATION (IAI GECC, 37-38 CREDITS)

The Illinois Articulation Initiative (IAI) General Education Core Curriculum (GECC) requires 12 to 13 courses from the following five areas. Courses selected to meet IAI GECC requirements may also meet course requirements for a specific major.

IAI COMMUNICATIONS (3 COURSES)

	Sem.	Grade
ENG 101 or ENG 113 (C grade or higher)	_____	_____
ENG 102 (C grade or higher)	_____	_____
COM 115 Speech	_____	_____

IAI HUMANITIES AND FINE ARTS (3 COURSES)

At least one course must be an IAI Fine Arts elective and one course must be an IAI Humanities elective.

	Sem.	Grade
ART 220	_____	_____
ART 221	_____	_____
Humanities Elective	_____	_____

IAI Humanities Electives:

Foreign Language: FRE 202, GER 202, SPN 202
History: HIS 101, 102, 213
Literature: LIT 210, 230, 235, 264, 280, 281, 284, 295
Philosophy: PHL 111, 121, 131, 200, 260

IAI MATHEMATICS (1 COURSE)

	Sem.	Grade
MAT 112 OR MAT 113 or MAT Elective	_____	_____

IAI Mathematics Electives:

MAT 112, MAT 113, MAT 116, MAT 117, MAT 119, MAT 120, MAT 125/CPS 202, MAT 131, MAT 201, MAT 202, MAT 282

IAI SOCIAL AND BEHAVIORAL SCIENCES (3 COURSES)

At least two different disciplines (course prefixes) must be represented.

	Sem.	Grade
PSY 132 or SOC 133	_____	_____
Social Science Elective	_____	_____
Social Science Elective	_____	_____

IAI Social and Behavioral Sciences Electives:

Anthropology: ANT 111, 202, 216, 240
Economics: ECO 201, 202
Geography: GEO 112
History: HIS 103, 104, 201, 202
Political Science: PSC 131, 211, 212, 213, 289
Psychology: PSY 132, 200, 203, 262
Sociology: SOC 133, 221, 263, 264

IAI PHYSICAL/LIFE SCIENCES (2 COURSES)

One course must be at least 4 credit hours and include a lab component.

	Sem.	Grade
Life Science Elective	_____	_____
Physical Science Elective	_____	_____

IAI Life Science Electives:

Biology: BIO 100, 101, 105, 225
Interdisciplinary: PHS 101 with PHS 111, SCI 210A and SCI 210B
Life Science: SCI 215

IAI Physical Science Electives:

Chemistry: CHM 141, 151
Interdisciplinary: PHS 101 with PHS 111, SCI 210A and SCI 210B
Physical Science: PHS 102, 103, 105, 107
Physics: PHY 121, 155, 205

MAJOR AND GENERAL ELECTIVE REQUIREMENTS (IAI GECC and major/elective credits must total a minimum of 62 hours, of which 24-25 must be general elective credits.)

Consult with the transfer institution to determine if certain courses require a grade of "C" or higher, or if there is a minimum grade point average for admission to your declared major. Please select courses on this guide in accordance with the Articulation Notes for your transfer institution.

	Sem.	Grade
ORI 100 (1)	_____	_____
ART 101	_____	_____
ART 102	_____	_____
ART 180	_____	_____
ART 255	_____	_____
ART 256	_____	_____
ART 293	_____	_____
ART Elective*	_____	_____
ART Elective*	_____	_____
ART Elective *	_____	_____
ART Elective*	_____	_____

MAJOR INFORMATION: This guide follows the IAI Art Studio recommendations. Art Electives must be studio courses selected from at least two media, in consultation with the Art Advisor. Art Electives include: ART 165, 250, 260, 290, 291, 292, and 296.



John A. Logan College

Associate in Fine Arts Degree in Music Education

Transfer Curriculum: 00AFA0089
Associate in Arts: 67 Hrs. Min.
Major Code: 1.1 131312M
Effective Date: Fall 2019

GENERAL EDUCATION (IAI GECC)

The Illinois Articulation Initiative (IAI) General Education Core Curriculum (GECC) requires 12 to 13 courses. Courses selected to meet IAI GECC requirements may also meet course requirements for a specific major.

IAI COMMUNICATIONS (3 COURSES)

	Sem.	Grade
ENG 101 or ENG 113 (C grade or higher)	_____	_____
ENG 102 (C grade or higher)	_____	_____
COM 115 Speech	_____	_____

IAI HUMANITIES AND FINE ARTS (3 COURSES)

At least one course must be an IAI Fine Arts elective and one course must be an IAI Humanities elective.

	Sem.	Grade
MUS 225 (3) Humanities Elective	_____	_____

IAI Humanities Electives:

Foreign Language: FRE 202, GER 202, SPN 202
History: HIS 101, 102, 213
Literature: LIT 210, 230, 235, 264, 280, 281, 284, 285
Philosophy: PHL 111, 121, 131, 200, 260

IAI MATHEMATICS (1 COURSE)

	Sem.	Grade
MAT Elective	_____	_____

IAI Mathematics Electives:

MAT 112, MAT 113, MAT 116, MAT 117, MAT 119, MAT 120, MAT 125/CPS 202, MAT 131, MAT 201, MAT 202, MAT 282

IAI SOCIAL AND BEHAVIORAL SCIENCES (1 COURSE)

	Sem.	Grade
PSY 132 or PSC 131 or Social Science Elective	_____	_____

IAI Social and Behavioral Sciences Electives:

Anthropology: ANT 111, 202, 216, 240
Economics: ECO 201, 202
Geography: GEO 112
History: HIS 103, 104, 201, 202
Political Science: PSC 131, 211, 212, 213, 289
Psychology: PSY 132, 200, 203, 262
Sociology: SOC 133, 221, 263, 264

IAI PHYSICAL/LIFE SCIENCES (2 COURSES)

One course must be at least 4 credit hours and include a lab component.

	Sem.	Grade
IAI Life Science Elective	_____	_____
Physical Science Elective	_____	_____

IAI Life Science Electives:

Biology: BIO 100, 101, 105, 225
Interdisciplinary: PHS 101 with PHS 111, SCI 210A and SCI 210B
Life Science: 215

IAI Physical Science Electives:

Chemistry: CHM 141, 151
Interdisciplinary: PHS 101 with PHS 111, SCI 210A and SCI 210B
Physical Science: PHS 102, 103, 105, 107
Physics: PHY 121, 155, 205

MAJOR AND GENERAL ELECTIVE REQUIREMENTS

(IAI GECC and major/elective credits must total a minimum of 66 hours for the degree.)

	Sem.	Grade
ORI 100 (1)	_____	_____
EDC 202 or Elective	_____	_____
EDC 203 or Elective	_____	_____

	Sem.	Grade
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Aural Skills, *Theory:

MUS 108 (1)	_____	_____
MUS 109 (1)	_____	_____
MUS 121 (3)	_____	_____
MUS 122 (3)	_____	_____
MUS 208 (1)	_____	_____
MUS 209 (1)	_____	_____
MUS 221 (3)	_____	_____
MUS 222 (3)	_____	_____

*Music Majors take an evaluation exam during the first full week of MUS 121. Those needing remediation are required to take MUS 110 concurrently with MUS 121.

	Sem.	Grade
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Ensemble

MUS 101A or 102A (1)	_____	_____
MUS 101A or 102A (1)	_____	_____
MUS 101A or 102A (1)	_____	_____
MUS 101A or 102A (1)	_____	_____

	Sem.	Grade
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Applied Music Instruction (Piano and

Primary):

MUS 106 (1)	_____	_____
MUS 111B (1)	_____	_____
MUS 111B (1)	_____	_____
MUS 111B (1)	_____	_____
MUS 211 (2)	_____	_____
MUS 211 (2)	_____	_____
MUS 211 (2)	_____	_____
MUS 211 (2)	_____	_____

PROGRAM INFORMATION: This program guide includes recommendations for the Associates in Fine Arts (AFA) degree. This degree requires up to 66 credits and does not require the full IAI GECC component, which can be completed upon transfer.

ARTICULATION NOTES: Consult with the transfer institution to assess if certain courses require a grade of "C" or higher, or if there is a minimum grade point average for admission to your declared major. **Please select courses on this guide in accordance with the transfer requirements for your transfer institution. Please note that not all electives listed are required to complete this degree. Hours must total 68.**

TEACHER EDUCATION PROGRAM: To be considered for admission into a formal Teacher Education Program, qualifying scores on the TAP, ACT plus writing, or SAT must be submitted. Students must earn a grade of "C" or higher in all courses for an endorsement and required in the major. Students must also meet the minimum grade point average required for consideration into the TEP (typically a minimum of 2.5, but may be higher depending on the institution or program selected). Helpful tips for applying to a Teacher Education Program may be found [here](#):

SIUC TRANSFER INFORMATION: Transfer students are required to audition in the applied area for admission into the Music Program.

SIUE TRANSFER INFORMATION: EDC 200, MUS 211 A-Z for 2 credits for two semesters, and 2 semesters in a single foreign language are required. PHL 121 is recommended for the IAI Humanities course. CIS 207 or CPS 176 is also recommended.

EIU TRANSFER INFORMATION: ART 111 and PSC 131 are required. Select one course from GEO 112, HIS 103, HIS 104, HIS 213, PHL 200, or PHL 260 to satisfy the cultural diversity/non-western world requirement.

ISU TRANSFER INFORMATION: Prior to admission as a Music major, students must pass a performance audition on an instrument or voice and demonstrate a level of piano proficiency. EDC 202 is required. Students should select one course from ANT 111, ANT 216, GEO 112, HIS 103, HIS 104, HUM 120, PHL 200, PHL 260, PSC 120, or PSC 212 to satisfy the Global Studies requirement for all majors.



John A. Logan College

Associate in Fine Arts in Music Performance

Transfer Curriculum 00AFA0088
Associate in Arts: 67 Hours
Major Code: 1.1500901M
Effective Date: Fall 2019

GENERAL EDUCATION (IAI GECC, 37-38 CREDITS)

The Illinois Articulation Initiative (IAI) General Education Core Curriculum (GECC) requires 12 to 13 courses. Courses selected to meet IAI GECC requirements may also meet course requirements for a specific major.

IAI COMMUNICATIONS (3 COURSES)

	Sem.	Grade
ENG 101 or ENG 113 (C grade or higher)	_____	_____
ENG 102 (C grade or higher)	_____	_____
COM 115 Speech	_____	_____

IAI HUMANITIES AND FINE ARTS (3 COURSES)

At least one course must be an IAI Fine Arts elective and one course must be an IAI Humanities elective.

	Sem.	Grade
MUS 105	_____	_____
Humanities Elective	_____	_____
MUS 225	_____	_____

IAI Fine Arts Electives:

Art: ART 111, 220, 221, 291
Literature: LIT 275
Music: MUS 105, 225
Theater: THE 113

IAI Humanities Electives:

Foreign Language: FRE 202, GER 202, SPN 202
History: HIS 101, 102, 213
Literature: LIT 210, 230, 235, 264, 280, 281, 284, 295
Philosophy: PHL 111, 121, 131, 200, 260

IAI MATHEMATICS (1 COURSE)

	Sem.	Grade
Math Elective	_____	_____

IAI Mathematics Electives:

MAT 112, MAT 113, MAT 116, MAT 117, MAT 119, MAT 120, MAT 125/CPS 202, MAT 131, MAT 201, MAT 202, MAT 282

IAI SOCIAL AND BEHAVIORAL SCIENCES (2 COURSES)

At least two different disciplines (course prefixes) must be represented.

	Sem.	Grade
Social Science Elective	_____	_____
Social Science Elective	_____	_____

IAI Social and Behavioral Sciences Electives:

Anthropology: ANT 111, 202, 216, 240
Economics: ECO 201, 202
Geography: GEO 112
History: HIS 103, 104, 201, 202
Political Science: PSC 131, 211, 212, 213, 289
Psychology: PSY 132, 200, 203, 262
Sociology: SOC 133, 221, 263, 264

IAI PHYSICAL/LIFE SCIENCES (2 COURSES) (7-8 hours)

One course must include a lab component.

	Sem.	Grade
Life Science Elective	_____	_____
Physical Science Elective	_____	_____

IAI Life Science Electives:

Biology: BIO 100, 101, 105, 225
Interdisciplinary: PHS 101 with PHS 111, SCI 210A and SCI 210B
Life Science: SCI 215

IAI Physical Science Electives:

Chemistry: CHM 141, 151
Interdisciplinary: PHS 101 with PHS 111, SCI 210A and SCI 210B
Physical Science: PHS 102, 103, 105, 107
Physics: PHY 121, 155, 205

MAJOR AND GENERAL ELECTIVE REQUIREMENTS (IAI GECC and major/elective credits must total a minimum of 66 hours)

	Sem.	Grade
ORI 100 (1)	_____	_____
MUS 108	_____	_____
MUS 109	_____	_____
MUS 208	_____	_____
MUS 209	_____	_____
MUS 121	_____	_____
MUS 122	_____	_____
MUS 221	_____	_____
MUS 222	_____	_____

*Music Majors take an evaluation exam during the first full week of MUS 121. Those needing remediation are required to take MUS 110 concurrently with MUS 121.

Ensemble:

	Sem.	Grade
MUS 101A or MUS 102A	_____	_____
MUS 101A or MUS 102A	_____	_____
MUS 101A or MUS 102A	_____	_____
MUS 101A or MUS 102A	_____	_____

Applied Music Instruction (Piano and Primary):

	Sem.	Grade
MUS 106	_____	_____
MUS 111B	_____	_____
MUS 111B	_____	_____
MUS 111B	_____	_____
MUS 211	_____	_____
MUS 211	_____	_____
MUS 211	_____	_____
MUS 211	_____	_____

ARTICULATION NOTES: Consult the transfer institution to assess if certain courses require a grade of "C" or higher, or if there is a minimum grade point average for admission to your declared major. **Please select courses on this guide in accordance with the transfer requirements for your transfer institution. Please note that not all electives listed are required to complete this degree.**

PROGRAM INFORMATION: This program guide includes recommendations for the Associates in Fine Arts (AFA) degree. This degree requires up to 66 credits and does not require the full IAI GECC component, which can be completed upon transfer.

SIUC TRANSFER INFORMATION: Students planning to earn a Bachelor of Fine Arts in Musical Theater are not required to take foreign language.

ISU TRANSFER INFORMATION: Students should select one course from ANT 111, ANT 216, GEO 112, HIS 103, HIS 104, HUM 120, PHL 200, PHL 260, PSC 120, or PSC 212 to satisfy the Global Studies requirement for all majors.



Associate in General Studies Degree in Associate in General Studies

Curriculum AGS 1996
Associate in General Studies
Minimum Hrs. 63
Major Code: 1.0 240102D
Effective Date: Fall 2019

GENERAL EDUCATION (IAI GECC, 37-38 CREDITS)

The Illinois Articulation Initiative (IAI) General Education Core Curriculum (GECC) requires 12 to 13 courses from the following five areas. Courses selected to meet IAI GECC requirements may also meet course requirements for a specific major.

The Associate in General Studies (AGS) degree represents a prescribed curriculum that has been individually designed by mutual agreement between the student and his/her academic advisor to meet the student's educational needs and interests. The AGS degree is neither designed as a transfer-oriented curriculum nor is it intended to provide career preparation similar to an AAS degree. Students interested in earning a four-year baccalaureate degree at a future date should consult with the transfer institution to determine the acceptability and applicability of courses and credits with the AGS degree.

The individualized AGS degree curriculum must include at least 62 semester credits. Each AGS program must include the 21-semester credit General Education Component. Courses selected to fulfill the General Electives Component must be selected from baccalaureate (PCS 1.1) and/or career education (PCS 1.2) courses. Students may use credits earned within a certificate program toward fulfilling the General Electives Component. In addition, no more than four (4) credit hours of APE or PED activity credit may be used toward the AGS degree.

The AGS Worksheet/Contract should be prepared and approved before completing 55 semester credits of college-level coursework. The AGS Worksheet/Contract is to be completed jointly by the student and his/her academic advisor. To qualify for the AGS degree, the student must meet the established general and degree requirements for earning an associate degree from John A. Logan College.

The curriculum guide for the AGS degree is outlined below:

GENERAL EDUCATION COMPONENT (21 credits)

The general education component of the AGS degree requires 21 credits. The minimum credit requirements for Groups I-V are listed below which total 18 credits. The remaining 3 credits can be fulfilled with 3 credits from any general education elective from Groups I-V.

Group I	Communications.....	6 credits
Group II	Humanities and Fine Arts.....	3 credits
Group III	Social and Behavioral Sciences	3 credits
Group IV	Physical and Life Sciences	3 credits
Group V	Mathematics.....	3 credits
	One elective from Group I-V	<u>3 credits</u>
		21 credits

Group I Communications (6-9 CREDITS)

	Sem.	Grade
ENG 101 (3) or ENG 113 (3) (C grade or higher)	_____	_____
ENG 102 (3)	_____	_____
COM 115 (3) or COM 116 (3)	_____	_____
COM 116 is not an IAI GECC articulated course.		

Group II Humanities and Fine Arts (3-6 credits)

	Sem.	Grade
Elective	_____	_____
Elective	_____	_____

IAI Fine Arts Electives

Art	ART 111, 220, 221, 291
Drama/Speech.....	THE 113
Literature	LIT 275
Music.....	MUS 105, 225

IAI Humanities Electives

Foreign Language	FRE 202, GER 202, SPN 202
History.....	HIS 101, 102, 213
Humanities.....	HUM 101
Literature	LIT 210, LIT 230, 235, 264, 280, 281, 284, 295
Philosophy.....	PHL 111, 121, 131, 200, 260

Group III Social and Behavioral Sciences (3-6 credits)

	Sem.	Grade
Elective	_____	_____
Elective	_____	_____

IAI Social and Behavioral Science Electives

Anthropology	ANT 111, 202, 216, 240
Economics	ECO 201, 202
Geography.....	GEO 112
History.....	HIS 103, 104, 201, 202
Political Science.....	PSC 131, 211, 212, 213, 289
Psychology	PSY 132, 200, 203, 262
Sociology.....	SOC 133, 221, 263, 264

Group IV Physical and Life Sciences (3-6 credits)

	Sem.	Grade
Elective	_____	_____
Elective	_____	_____

SCIENCE ELECTIVES

IAI Life Science Electives

Biology	BIO 100, 101, 105, 225
Interdisciplinary	PHS 101 with PHS 111, SCI 210A with SCI 210B
Life Science	PHS 100
Life Science	SCI 215

IAI Physical Science Electives

Chemistry	141, 151
Interdisciplinary	PHS 101 with PHS 111, SCI 210A with SCI 210B
Physical Science	PHS 102, 102, 105, 106, 107
Physics.....	PHY 121, 155, 205

The following courses may be used as physical and life sciences electives for the AGS degree but are not articulated as IAI GECC courses.

	Sem.	Grade
BIO 205 (4)	_____	_____
BIO 206 (4)	_____	_____
BIO 226 (4)	_____	_____

Group V Mathematics (3-6 credits)

	Sem.	Grade
Elective	_____	_____
Elective	_____	_____

IAI Mathematics Electives

MAT 112, MAT 113 (3), MAT 116 (3), MAT 117 (4), MAT 119, MAT 120 (3), MAT 125 or CPS 202 (3),
MAT 131 (5), MAT 201 (5), Mat 202 (3), MAT 282 (3)

The following courses may be used as math electives for the AGS degree but are not articulated as IAI GECC courses.

BUS 111 (3), MAT 100 (3), MAT 104 (3), MAT 111 (5), MAT 108 (3)

GENERAL ELECTIVES COMPONENT (41-43 credits)

Courses selected to fulfill the General Electives Component must be selected from baccalaureate (PCS 1.1) and/or career education (PCS 1.2) courses. In addition, no more than four (4) credit hours of Ped activity credit may be used toward the AGS degree.

	Sem.	Grade
ORI 100 (1)		
Elective	_____	_____
Elective	_____	_____
Elective	_____	_____
Elective	_____	_____
Elective	_____	_____
Elective	_____	_____
Elective	_____	_____
Elective	_____	_____
Elective	_____	_____
Elective	_____	_____
Elective	_____	_____
Elective	_____	_____
Elective	_____	_____
Elective	_____	_____
Elective	_____	_____
Elective	_____	_____

This AGS Worksheet/Contract has been completed with the support of my academic advisor. Since a current and structured associate degree option at John A. Logan College will not meet my educational needs and interests, I am committing to pursue an individualized AGS degree program.

I understand that this contract cannot be changed without both my consent and the consent of my academic advisor.

A copy of this approved AGS Worksheet/Contract will be retained in my electronic student file.

STUDENT

ACADEMIC ADVISOR

First Name/Middle Initial/Last Name *(Please print)*

Signature Date

Identification Number

Signature Date

John A. Logan College reserves the right to modify these requirements as needed. Please verify with your academic advisor the accuracy and time of this document.



John A. Logan College

Associate in Science Degree (AS)

Transfer Curriculum 000A50087
Associate in Science: 63 Hrs. Min.
Major Code: 1.1300101B
Effective Date: Fall 2019

GENERAL EDUCATION (IAI GECC, 37-38 CREDITS)

The Illinois Articulation Initiative (IAI) General Education Core Curriculum (GECC) requires 12 to 13 courses. Courses selected to meet IAI GECC requirements may also meet course requirements for a specific major. The degree requirements as listed **do not complete IAI GECC core requirements.** An additional 3 credits of approved Humanities or Fine Arts and 3 credits of Social Sciences are needed to complete the core. These additional courses may be taken as electives or upon transfer to the four year institution.

IAI COMMUNICATIONS (3 COURSES)

	Sem.	Grade
ENG 101 or ENG 113 (C grade or higher)	_____	_____
ENG 102 (C grade or higher)	_____	_____
COM 115 Speech	_____	_____

IAI HUMANITIES AND FINE ARTS (2 COURSES)

At least one course must be an IAI Fine Arts elective and one course must be an IAI Humanities elective.

	Sem.	Grade
Fine Arts Elective	_____	_____
Humanities Elective	_____	_____

IAI Fine Arts Electives:

Art: ART 111, 220, 221, 291
Literature: LIT 275
Music: MUS 105, 225
Theater: THE 113

IAI Humanities Electives:

Foreign Language: FRE 202, GER 202, SPN 202
History: HIS 101, 102, 213
Literature: LIT 210, 230, 235, 264, 280, 281, 284, 295
Philosophy: PHL 111, 121, 131, 200, 260

IAI MATHEMATICS (1 COURSE)

	Sem.	Grade
MAT Elective	_____	_____

IAI Mathematics Electives:
MAT 112, MAT 113, MAT 116, MAT 117, MAT 119, MAT 120, MAT 125/CPS 202, MAT 131, MAT 201, MAT 202, MAT 209, MAT 282

IAI SOCIAL AND BEHAVIORAL SCIENCES (2 COURSES)

At least two different disciplines (course prefixes) must be represented.

	Sem.	Grade
Social Science Elective	_____	_____
Social Science Elective	_____	_____

IAI Social and Behavioral Sciences Electives:

Anthropology: ANT 111, 202, 216, 240
Economics: ECO 201, 202
Geography: GEO 112
History: HIS 103, 104, 201, 202
Political Science: PSC 131, 211, 212, 213, 289
Psychology: PSY 132, 200, 203, 262
Sociology: SOC 133, 215, 263, 264

IAI PHYSICAL/LIFE SCIENCES (2 COURSES)

One course must be at least 4 credit hours and include a lab component.

	Sem.	Grade
Life Science Elective	_____	_____
Physical Science Elective	_____	_____

IAI Life Science Electives:

Biology: BIO 100, 101, 105, 225
Interdisciplinary: PHS 101 and PHS 111, SCI 210A and SCI 210B
Life Science: SCI 215

IAI Physical Science Electives:

Chemistry: CHM 141, 151
Interdisciplinary: PHS 101 with PHS 111, SCI 210A and SCI 210B
Physical Science: PHS 102, 103, 105, 107
Physics: PHY 121, 155, 205

ADDITIONAL ASSOCIATE IN SCIENCE DEGREE REQUIREMENTS

(Courses should be applicable to the desired major)

	Sem.	Grade
MAT Elective (1 course)	_____	_____
Physical or Life Science Elective (1 course)	_____	_____

MAJOR AND GENERAL ELECTIVE REQUIREMENTS (IAI GECC and major/elective credits must total a minimum of 63 hours, of which 24-25 must be general elective credits.)

Consult with the transfer institution to determine if certain courses require a grade of "C" or higher, or if there is a minimum grade point average for admission to your declared major. Please select courses on this guide in accordance with the Articulation Notes for your transfer institution.

	Sem.	Grade
ORI 100 (1)	_____	_____
Elective	_____	_____
Elective	_____	_____
Elective	_____	_____
Elective	_____	_____
Elective	_____	_____
Elective	_____	_____
Elective	_____	_____
Elective	_____	_____
Elective	_____	_____

GENERAL ELECTIVES: Electives may include all courses with the following prefixes, as well as specific courses listed below:

AFS, AGR, AMS, ANT, ART, BIO, CHM, COM, CPS, EDC, EGR, FRE, GEO, GER, HIS, HTH, HUM, INT, JRN, LIT, MUS, PED*, PEDE, PHL, PHS, PHY, PSC, PSY, SCI, REC, SOC, SOCW, SPM, SPN, THE, and VOL

ACC.....	200, 201, 202
ALH	106, 107
BUS	110, 121, 222, 235
CIS	207, 240
CRJ.....	103, 105, 218, 223
ECE	160, 260, 245
ECO	201, 202
ENG	101, 102, 103, 113
IND	199
IPP	141, 142
ITD	152, 200, 205
LIN	101, 102
MAT	108, 109, 111, 112, 113, 116, 117, 119, 120, 125, 131, 201, 202, 205, 208, 209, 221, 282
ORI	100

*No more than four (4) credit hours of PED courses may be used as general electives.



John A. Logan College

Associate in Science Degree in Biological Science

Transfer Curriculum 000A50087
Associate in Science: 64 Hrs. Min.
Major Code: 1.1 260101B
Effective Date: Fall 2019

GENERAL EDUCATION (IAI GECC, 37-38 CREDITS)

The Illinois Articulation Initiative (IAI) General Education Core Curriculum (GECC) requires 12 to 13 courses from the following five areas. Courses selected to meet IAI GECC requirements may also meet course requirements for a specific major.

IAI COMMUNICATIONS (9 HOURS)

	Sem.	Grade
ENG 101 or ENG 113 (C grade or higher)	_____	_____
ENG 102 (C grade or higher)	_____	_____
COM 115 Speech	_____	_____

IAI HUMANITIES AND FINE ARTS (6 HOURS)

At least one course must be an IAI Fine Arts elective and one course must be an IAI Humanities elective.

	Sem.	Grade
Fine Arts Elective (3)	_____	_____
PHL 121 (3) or Humanities Elective (3)	_____	_____

IAI Fine Arts Electives:

Art: ART 111, 220, 221, 291
Literature: LIT 275
Music: MUS 105, 225
Theater: THE 113

IAI Humanities Electives:

Foreign Language: FRE 202, GER 202, SPN 202
History: HIS 101, 102, 213
Literature: LIT 210, 230, 235, 264, 280, 281, 284, 295
Philosophy: PHL 111, 121, 131, 200, 260

IAI MATHEMATICS (3-5 HOURS)

	Sem.	Grade
MAT 282 (3) or MAT 131 (5) or MAT Elective	_____	_____

IAI Mathematics Electives:

MAT 112, MAT 113, MAT 120, MAT 119, MAT 125/CPS 202, MAT 131, MAT 201, MAT 202, MAT 282

IAI SOCIAL AND BEHAVIORAL SCIENCES (6 HOURS)

At least two different disciplines (course prefixes) must be represented.

	Sem.	Grade
ECO 201 or Social Science Elective (3)	_____	_____
PSC 212 or GEO 112 or Social Science Elective (3)	_____	_____

IAI Social and Behavioral Sciences Electives:

Anthropology: ANT 111, 202, 216, 240
Economics: ECO 201, 202
Geography: GEO 112
History: HIS 103, 104, 201, 202
Political Science: PSC 131, 211, 212, 213, 289
Psychology: PSY 132, 200, 203, 262
Sociology: SOC 133, 221, 263, 264

IAI PHYSICAL/LIFE SCIENCES (7-8 HOURS)

One course must include a lab component.

	Sem.	Grade
BIO 101 (4) or Life Science Elective	_____	_____
CHM 151 (5) or Physical Science Elective	_____	_____

IAI Life Science Electives:

Biology: BIO 100, 101, 105, 225
Interdisciplinary: PHS 101 and PHS 111, SCI 210A and SCI 210B
Life Science: SCI 215

IAI Physical Science Electives:

Chemistry: CHM 141, 151
Interdisciplinary: PHS 101 with PHS 111, SCI 210A and SCI 210B
Physical Science: PHS 102, 103, 105, 107
Physics: PHY 121, 155, 205

ADDITIONAL ASSOCIATE IN SCIENCE DEGREE

REQUIREMENTS: (COURSES SHOULD BE APPLICABLE TO DESIRED MAJOR)

	Sem.	Grade
BIO 102 (4)	_____	_____
MAT 282 (3) or MAT Elective	_____	_____

MAJOR AND GENERAL ELECTIVE REQUIREMENTS (IAI GECC and major/elective credits must total a minimum of 64 hours, of which 24-25 must be general elective credits.)

Consult with the transfer institution to determine if certain courses require a grade of "C" or higher, or if there is a minimum grade point average for admission to your declared major. Please select courses on this guide in accordance with the Articulation Notes for your transfer institution.

	Sem.	Grade
ORI 100 (1)	_____	_____
CHM 152 (5)	_____	_____
CHM 201 (5) or General Elective	_____	_____
CHM 202 (5) or General Elective	_____	_____
PHY 155 (5) or General Elective	_____	_____
PHY 156 (5) or General Elective	_____	_____
Foreign Language Elective or General Electives (8)	_____	_____

ARTICULATION NOTES:

Consult with your transfer institution to assess if certain courses require a grade of "C" or higher, or if there is a minimum grade point average for admission to your declared major.

Biological Sciences program

When reference is made to Biology or Biological Sciences, a general degree program may be appropriate or a more specialized biology track may best fit one's career interests. Plant Biology or Botany, Zoology, Biomedical Sciences (Pre-professional track for medicine, dentistry, podiatry, chiropractic), ecology and genetics are a few that are viewed as biology degree programs.

IAI Biology Major Panel: Take BIO 101, 102, CHM 152, 201 and 202 as Biological Sciences core courses. CHM 151 and MAT 131 are recommended.

SIUC: In addition to a Biology Education emphasis, the Biological Sciences program offers options in Biomedical Sciences as pre-professional preparation for medicine, dentistry, optometry, physician assistants pharmacy, podiatry or chiropractic) and Ecology. Other Biology options include Microbiology, Plant Biology or Botany, Physiology and Zoology.

For both specializations (Biomedical and Ecology), take a one year or two course sequence in a Foreign Language or CIS 207 or CPS 206 to meet the Supportive Skills requirement for the College of Science. Take BIO 101, 102, CHM 151, 152, 201 and 202. Take MAT 108 and 109 or 111 or 131. Take MAT 282. Take PHY 155 and 156.

EIU: For the Biological Sciences program option, take BIO 101, 102 and 205. Take CHM 151, 152 and 201. Take PHY 155 and 156. Take MAT 131 and 282. Take one year/two course sequence in a foreign language. The A.S. degree waives the culturally diverse course requirement for the BS degree.

For the Environmental Biology program option, take ECO 201. The PHY sequence is not required for this option. MAT 282 is not required.

ISU: Take BIO 101 and 102. In addition, students must complete one of the following sequences: General Biology; Conservation Biology; Physiology; Neuroscience and Behavior; Plant Biology or Zoology.

For General Biology, take BIO 240. Take CHM 151, 152 and 201. Take MAT 116 and 117 or MAT 131 and 201. Take PHY 121 or 155 or 205. Note MAT 120 (a match to ECO 138) is an acceptable substitute for either MAT 117 or MAT 201.

For Conservation Biology, take BIO 240. Required elective courses must include one from each of three groupings. Applicable courses include BIO 226 as a match to BSC 260 9 (Conceptual group) and BIO 115 as a match to BSC 292 (Zoology Taxon group). Take CHM 151, 152 and 201. Take MAT 116, 117 or MAT 131 and 201. Note MAT 120 (ECO 138) is an acceptable substitute for MAT 117 or MAT 201. Take PHY 121 or 155 or 201.

For Physiology, Neuroscience and Behavior Biology, take BIO 115 and BIO 226. Take CHM 151, 152 and 201. Take MAT 116, 117 or 131 and 201. Note, MAT 120 (ECO 138) is an acceptable substitute for either MAT 117 or 201. Take PHY 121 or 155 or 201.

For Plant Biology, Take BIO 240 or BIO 226. Take BIO 275. Take CHM 151, 152 and 201. Take MAT 116 and 117 or MAT 131 and 201. Note, MAT 120 (ECO 138) is an approved substitute for MAT 117 or 201. Take PHY 121 or 155 or 201.

For Zoology, take BIO 240 and BIO 115. Take CHM 151, 152 and 201. Take MAT 116 and 117 or MAT 131 and 201. Note MAT 120 (ECO 138) is an approved substitute for MAT 117 or 201. Take PHY 121 or 155 or 201.

To meet a general graduation requirement, take GEO 112 or PSC 212 to satisfy an AMALI (former Global Studies) course requirement.

All B.S. degrees require a STM course selected from BIO 226, 240, 275, CHM 142, 152, 201, PHS 107, MAT 117, 201, 202, 125, 221, BUS 121, PHY 156 or 206.

All degrees offered through the College of Liberal Arts and Sciences requires completion of a two course sequence or one year of a foreign language. Three years of the same language in high school with "C" or higher grades will provide a waiver for the one year/two course requirement.

SIUE: Take BIO 101 and 102. Take CHM 151 and 152 and CHM 201 and 202 as core requirements for Biological Sciences.

SIUE offers B.A. and B.S. degree options in Ecology/Evolution/Environment, Genetics and Cellular Biology, Integrative Biology, Medical Sciences and Medical Technology. Beyond the core, each option recommends PHL 121. The Ecology/Evolution/Environment option, the Genetics and Cellular Biology option, the Integrative Biology option and the Medical Science option all require MAT 131, PHY 155, 156 or PHY 205, 206 and MAT 282. The Medical Technology option requires MAT 109, PHY 155 and 156 or PHY 205 and 206 and MAT 120 or 282



John A. Logan College

Associate in Science Degree in Chemistry

Transfer Curriculum 000A50087
Associate in Science: 63 Hrs. Min.
64 hours Max.
Major Code: 1.1 400501B
Effective Date: Fall 2019

GENERAL EDUCATION (IAI GECC, 37-38 CREDITS)

The Illinois Articulation Initiative (IAI) General Education Core Curriculum (GECC) requires 12 to 13 courses from the following five areas. Courses selected to meet IAI GECC requirements may also meet course requirements for a specific major. The degree requirements as listed do **not** complete IAI GECC core requirements. An additional 3 credits of approved Humanities or Fine Arts **and** 3 credits of Social Sciences are needed to complete the core. These additional courses may be taken as electives or upon transfer to the four year institution.

IAI COMMUNICATIONS (3 COURSES)

	Sem.	Grade
ENG 101 or ENG 113 (C grade or higher)	_____	_____
ENG 102 (C grade or higher)	_____	_____
COM 115 Speech	_____	_____

IAI HUMANITIES AND FINE ARTS (2 COURSES)

At least one course must be an IAI Fine Arts elective and one course must be an IAI Humanities elective.

	Sem.	Grade
Fine Arts Elective	_____	_____
PHL 121 (3) or Humanities Elective	_____	_____

IAI Fine Arts Electives:

Art: ART 111, 220, 221, 291
Literature: LIT 275
Music: MUS 105, 225
Theater: THE 113

IAI Humanities Electives:

Foreign Language: FRE 202, GER 202, SPN 202
History: HIS 101, 102, 213
Literature: LIT 211, 212, 231, 232, 235, 264, 280, 281, 284, 295
Philosophy: PHL 111, 121, 131, 200, 260

IAI MATHEMATICS (1 COURSE)

	Sem.	Grade
MAT 131 (5)	_____	_____

IAI SOCIAL AND BEHAVIORAL SCIENCES (2 COURSES)

At least two different disciplines (course prefixes) must be represented.

	Sem.	Grade
Social Science Elective	_____	_____
Social Science Elective	_____	_____

IAI Social and Behavioral Sciences Electives:

Anthropology: ANT 111, 202, 216, 240
Economics: ECO 201, 202
Geography: GEO 112
History: HIS 103, 104, 201, 202
Political Science: PSC 131, 211, 212, 213, 289
Psychology: PSY 132, 200, 203, 262
Sociology: SOC 133, 221, 263, 264

IAI PHYSICAL/LIFE SCIENCES (2 COURSES)

One course must be at least 4 credit hours and include a lab component.

	Sem.	Grade
BIO 101 (4) or Life Science Elective	_____	_____
CHM 151 (5)	_____	_____

IAI Life Science Electives:

Biology: BIO 100, 101, 105, 110, 115, 120, 225
Interdisciplinary: PHS 101 with PHS 111, SCI 210A and SCI 210B
Life Science: SCI 215

MAJOR AND GENERAL ELECTIVE REQUIREMENTS (IAI GECC and major/elective credits must total a minimum of 63 hours, of which 24-25 must be general elective credits.)

Consult with the transfer institution to determine if certain courses require a grade of "C" or higher, or if there is a minimum grade point average for admission to your declared major. Please select courses on this guide in accordance with the Articulation Notes for your transfer institution.

	Sem.	Grade
ORI 100 (1)	_____	_____
CHM 152 (5)	_____	_____
CHM 201 (5)	_____	_____
CHM 202 (5)	_____	_____
BIO 102 (4) or Elective	_____	_____
MAT 119 (3) or MAT 120 (3) or MAT 282 (3) or General Elective	_____	_____
Foreign Language or General Elective (8)	_____	_____

Additional Associate in Science Degree Requirements

MAT 201(5)	_____	_____
PHY 205 (5)	_____	_____

ARTICULATION NOTES: Consult the transfer institution for specific requirements.

IAI CHEMISTRY PANEL INFORMATION: Take CHM 151, 152, 201, 202 to complete the core. MAT 131, MAT 201 and PHY 206 and PHY 206 are recommended.

SIUC TRANSFER INFORMATION: CHM 151, 152, and 201 are required, as is MAT 131, 201 and either MAT 221 or 202 or 205. PHY 205 and 206 are also required. BIO 101/102 will meet the College of Science Biological Sciences requirement. CPS 206 and MAT 282 will meet the Supportive Skills requirement. Students will select a specialization from Biochemistry, Environmental, Forensic or Comprehensive Chemistry options. The American Chemical Society Certification is also available.

SIUE TRANSFER INFORMATION: For the B.S degree option, take CHM 151, 152, 201 and 202. MAT 131, 201 and MAT120 or 282. Take PHY 205 and 206. PHL 121 is recommended. For the B.S. Forensics option, take BIO 101 and 102. PHL 121 is recommended.

* For a B.A. degree, in addition, take a one year/two course sequence in a Foreign Language. For the BA Biochemistry option, take the foreign Language (one year/two course sequence), BIO 101 and 102. PHL 121 is recommended.

EIU TRANSFER INFORMATION: Take CHM 151, 152, 201 and 202. Take PHY 205 and 206. Take MAT 131 and 201. Concentrations or options are available in Biochemistry, American Chemical Society Certification and in Management. For the Management option, additional course requirements include CIS 207, ACC 200, 201 and 202, BUS 121 and 222, ECO 201 and 202.

ISU TRANSFER INFORMATION: For the B.S. degree, take CHM 151, 152, 201 and 202. Take PHY 205 and 206. Take MAT 131 and 201. For the Biochemistry option, in addition, take BIO 101 and 102.

* As a general graduation requirement, all students must complete an AMALI (former Global Studies) course. GEO 112 (GEO 135) or PSC 212 (POL 151) will satisfy this degree requirement.

*All B.S. degrees require a SMT course selected from BIO 226, 240,275, CHM 142, 152 or 201. Take PHS 107, MAT 117, 201, 202, 125, 221, BUS 121, PHY 156 or 206

*All B.A. degrees require successful completion of a FL through the third course or first intermediate level course.

*All degrees offered through the College of Liberal Arts and Sciences requires completion of a two course sequence or one year of a foreign language. Three years of the same language in high school will also meet this requirement.



John A. Logan College

Associate in Science Degree in Computer Science Business Applications Track

Transfer Curriculum 000A50087
Associate in Science: 64 Hrs. Min.
Major Code: 1.1 110701B
Effective Date: Fall 2019

GENERAL EDUCATION (IAI GECC, 37-38 CREDITS)

The Illinois Articulation Initiative (IAI) General Education Core Curriculum (GECC) requires 12 to 13 courses from the following five areas. Courses selected to meet IAI GECC requirements may also meet course requirements for a specific major. The degree requirements as listed **do not complete IAI GECC core requirements**. An additional 3 credits of approved Humanities or Fine Arts and 3 credits of Social Sciences are needed to complete the core. These additional courses may be taken as electives or upon transfer to the four year institution

IAI COMMUNICATIONS (3 COURSES)

	Sem.	Grade
ENG 101 or ENG 113 (C grade or higher)	_____	_____
ENG 102 (C grade or higher)	_____	_____
COM 115 Speech	_____	_____

IAI HUMANITIES AND FINE ARTS (3 COURSES)

At least one course must be an IAI Fine Arts elective and one course must be an IAI Humanities elective.

	Sem.	Grade
Fine Arts Elective	_____	_____
PHL 121 or Humanities Elective	_____	_____

IAI Fine Arts Electives:

Art: ART 111, 220, 221, 291
Literature: LIT 275
Music: MUS 105, 225
Theater: THE 113

IAI Humanities Electives:

Foreign Language: FRE 202, GER 202, SPN 202
History: HIS 101, 102, 213
Literature: LIT 210, 230, 235, 264, 280, 281, 284, 295
Philosophy: PHL 111, 121, 131, 200, 260

IAI MATHEMATICS (1 COURSE)

	Sem.	Grade
MAT 125 (3) or IAI MAT Elective	_____	_____

IAI SOCIAL AND BEHAVIORAL SCIENCES (2 COURSES)

At least two different disciplines (course prefixes) must be represented.

	Sem.	Grade
ECO 201 or Social Science Elective	_____	_____
ECO 202 or Social Science Elective	_____	_____

IAI Social and Behavioral Sciences Electives:

Anthropology: ANT 111, 202, 216, 240
Economics: ECO 201, 202
Geography: GEO 112
History: HIS 103, 104, 201, 202
Political Science: PSC 131, 211, 212, 213, 289
Psychology: PSY 132, 200, 203, 262
Sociology: SOC 133, 221, 263, 264

IAI PHYSICAL/LIFE SCIENCES (2 COURSES) 7-8 HOURS

One course must be at least 4 credit hours and include a lab component.

	Sem.	Grade
BIO 101 (4) or Life Science Elective	_____	_____
PHY 155 (5) or Physical Science Elective	_____	_____

IAI Life Science Electives:

Biology: BIO 100, 101, 105, 225
Interdisciplinary: PHS 101 with PHS 111
Life Science: SCI 215

IAI Physical Science Electives:

Chemistry: CHM 141, 151
Interdisciplinary: PHS 101 with PHS 111, SCI 210A and SCI 210B
Physical Science: PHS 102,103,105,107
Physics: PHY 121, 155, 205

Additional Associate in Science Degree Requirements:

(Courses should be applicable to desired degree)

PHY 155 (5)	_____	_____
MAT 131 (5)	_____	_____

MAJOR AND GENERAL ELECTIVE REQUIREMENTS (IAI GECC and major/elective credits must total a minimum of 64 hours, of which 24-25 must be general elective credits.)

Consult with the transfer institution to determine if certain courses require a grade of "C" or higher, or if there is a minimum grade point average for admission to your declared major. Please select courses on this guide in accordance with the Articulation Notes for your transfer institution.

	Sem.	Grade
ORI 100 (1)	_____	_____
CPS 206 (4) (spring semester course)	_____	_____
CPS 215 (4) (fall semester even number years)**	_____	_____
MAT 119 (3) or MAT 120 or Elective	_____	_____
PHY 156	_____	_____
BIO 105, 110 or Elective	_____	_____
Elective	_____	_____

**NOTE: Students beginning this program in even number years, fall semester, may take a math elective as a substitution for CPS 215.

ARTICULATION NOTES: Consult the transfer institution for specific requirements.

IAI AND PANEL INFORMATION: CPS 202, 206, 215, ECO 201, 202, MAT 131, PHY 155 and 156 are required to satisfy the IAI Major Panel. JALC also recommends ENG 113, PHL 121, and MAT 120 for the degree.

SIUC TRANSFER INFORMATION: CPS 202, 206, 215, ECO 201, 202, PHL 121, MAT 131, PHY 155 and 156 are required. A grade of "C" or higher is required in all CPS courses. BIO 105 and 110 will satisfy the biological sciences requirement in the College of Science. This track leads to the Bachelor of Arts Degree in Computer Science.



John A. Logan College

Associate in Science Degree in Computer Science Traditional Track

Transfer Curriculum 000A50087
Associate in Science: 63 Hrs. Min.
Major Code: 1.1 110701
Effective Date: Fall 2019

GENERAL EDUCATION (IAI GECC, 37-38 CREDITS)

The Illinois Articulation Initiative (IAI) General Education Core Curriculum (GECC) requires 12 to 13 courses from the following five areas. Courses selected to meet IAI GECC requirements may also meet course requirements for a specific major. The degree requirements as listed **do not complete IAI GECC core requirements**. An additional 3 credits of approved Humanities or Fine Arts and 3 credits of Social Sciences are needed to complete the core. These additional courses may be taken as electives or upon transfer to the four year institution.

IAI COMMUNICATIONS (3 COURSES)

	Sem.	Grade
ENG 101 or ENG 113 (C grade or higher)	_____	_____
ENG 102 (C grade or higher)	_____	_____
COM 115 Speech	_____	_____

IAI HUMANITIES AND FINE ARTS (3 COURSES)

At least one course must be an IAI Fine Arts elective and one course must be an IAI Humanities elective.

	Sem.	Grade
Fine Arts Elective	_____	_____
PHL 121 or Humanities Elective	_____	_____

IAI Fine Arts Electives:

Art: ART 111, 220, 221, 291
Literature: LIT 275
Music: MUS 105, 225
Theater: THE 113

IAI Humanities Electives:

Foreign Language: FRE 202, GER 202, SPN 202
History: HIS 101, 102, 213
Literature: LIT 210, 230, 235, 264, 280, 281, 284, 295
Philosophy: PHL 111, 121, 131, 200, 260

IAI MATHEMATICS (1 COURSE)

	Sem.	Grade
MAT 131 (5)	_____	_____

IAI SOCIAL AND BEHAVIORAL SCIENCES (2 COURSES)

At least two different disciplines (course prefixes) must be represented.

	Sem.	Grade
ECO 201 (3) or Social Science Elective	_____	_____
ECO 202 (3) or Social Science Elective	_____	_____

IAI Social and Behavioral Sciences Electives:

Anthropology: ANT 111, 202, 216, 240
Economics: ECO 201, 202
Geography: GEO 112
History: HIS 103, 104, 201, 202
Political Science: PSC 131, 211, 212, 213, 289
Psychology: PSY 132, 200, 203, 262
Sociology: SOC 133, 221, 263, 264

IAI PHYSICAL/LIFE SCIENCES (2 COURSES)

One course must be at least 4 credit hours and include a lab component.

	Sem.	Grade
BIO 101 (4) or Life Science Elective	_____	_____
PHY 205 (5)	_____	_____

IAI Life Science Electives:

Biology: BIO 100, 101, 105, 225
Interdisciplinary: PHS 101 with PHS 111
Life Science: SCI 215

IAI Physical Science Electives:

Chemistry: CHM 141, 151
Interdisciplinary: PHS 101 with PHS 111, SCI 210A and SCI 210B
Physical Science: PHS 102, 103, 105, 107
Physics: PHY 121, 155, 205

MAJOR AND GENERAL ELECTIVE REQUIREMENTS (IAI GECC and major/elective credits must total a minimum of 63 hours, of which 24-25 must be general elective credits.)

Consult with the transfer institution to determine if certain courses require a grade of "C" or higher, or if there is a minimum grade point average for admission to your declared major. Please select courses on this guide in accordance with the Articulation Notes for your transfer institution.

	Sem.	Grade
ORI 100 (1)	_____	_____
CPS 206 (4) (spring semester course)	_____	_____
CPS 202/MAT 125 (3) (fall semester odd num. years) or Elective	_____	_____
CPS 215 (4) (fall semester in even num. years)**	_____	_____
MAT 201 (5) or General Elective	_____	_____
MAT 221 (3) (spring semester even num. years) or Elective	_____	_____
CHM 151 (5) or General Elective	_____	_____
CHM 152 (5) or General Elective	_____	_____

**NOTE: Students beginning this program in even number years, fall semester, may take MAT 202 or MAT 205 as a substitution for CPS 215.

Additional Associate in Science Requirements: (Courses should be applicable to desired major)

PHY 206 (5) or Physical or Life Science Elective	_____	_____
MAT 201 (5) or MAT 125 (3) or MAT Elective	_____	_____

ARTICULATION NOTES: Consult the transfer institution for specific requirements.

***IAI Computer Science Major Panel:** Take CPS 206 and 215 (Recommendation: take both at same institution). Take CPS 202 or MAT 125. Recommendations include ECO 201, 201, PHY 205 and MAT 131, 117, 116 or 125.

***SIUC:** Take CPS 206, 215 and CPS 202 (or MAT 125). Take MAT 131, 201 and 221. PHL 121 is recommended.

To meet the College of Science Biological Science requirement, take BIO 101 and 102. Take PHY 205 and 206 or CHM 151 and 152 to meet the Physical Science requirement. Take the Supportive Skills requirement at SIUC.

***SIUE:** For the B.S. degree option, take CPS 206 and 215. Take MAT 131 and 201. Take PHL 121. SPE 116 is an approved match to ACS 103. Take PHY 205 and 206 or CHM 151 and 152 to satisfy a Laboratory Science requirement. Take BIO 101 to satisfy an additional Science Lab Elective
-For the B.A. degree option, take CPS 206 and 215. Take MAT 282 (a match to STAT 244) and MAT 131. Take PHL 121. COM 116 is a match to ACS 103. A two course sequence or one year of a foreign language is also required.

***EIU:** Take CPS 206, 215 and 208. Take MAT 131, 201, 202 and 221. Take MAT 125 or CPS 202. MAT 205 is a match to MAT 3501 and can be used as Computer Science elective credit. Two course sequence or one year of a foreign language is required. Some institutions will accept IPP 141/142 in lieu of a foreign language. Two years of same language in high school with C or better grades allows for an exemption.

***ISU:** Take CPS 206. Take MAT 131 and 201. Take BUS 121-3 as a match to MQM 100. Take CHM 141 and 142 or PHY 205 and 206. Take BIO 101 and 102. All graduates must complete one course that fulfills the AMALI (former Global Studies) requirement. GEO 112 or PSC 212 will satisfy this requirement. All Bachelor of Science degrees require successful completion of a three credit course from a listing of SMT (Science, Mathematics including Statistics or Technology) courses. Select from BIO 226, 240, 275, CHM 142, 152, 201, PHS 107, MAT 117, 201, 202, 125, 221, BUS 121, PHY 156 or 206. All graduates seeking a degree under the College of Arts and Sciences must successfully complete a two course sequence or one year of a foreign language. ASL 141 and 142 will meet this requirement. Three years of the same language in high school will also satisfy this requirement.



John A. Logan College

Associate in Science Degree in Engineering Technology

Transfer Curriculum 000AS0087
Associate in Science: 64 Hrs. Min.
Major Code: 1.1 150303B
Effective Date: Fall 2019

GENERAL EDUCATION (IAI GECC, 37-38 CREDITS)

The Illinois Articulation Initiative (IAI) General Education Core Curriculum (GECC) requires 12 to 13 courses from the following five areas. Courses selected to meet IAI GECC requirements may also meet course requirements for a specific major. The degree requirements as listed **do not complete IAI GECC core requirements**. An additional 3 credits of approved Humanities or Fine Arts and 3 credits of Social Sciences are needed to complete the core. These additional courses may be taken as electives or upon transfer to the four year institution.

IAI COMMUNICATIONS (3 COURSES)

	Sem.	Grade
ENG 101 or ENG 113 (C grade or higher)	_____	_____
ENG 102 (C grade or higher)	_____	_____
COM 115 Speech (3)	_____	_____

IAI HUMANITIES AND FINE ARTS (2 COURSES)

	Sem.	Grade
Fine Arts Elective (3)	_____	_____
Humanities Elective (3)	_____	_____

IAI Fine Arts Electives:

Art: ART 111, 220, 221, 291
Literature: LIT 275
Music: MUS 105, 225
Theater: THE 113

IAI Humanities Electives:

Foreign Language: FRE 202, GER 202, SPN 202
History: HIS 101, 102, 213
Literature: LIT 210, 230, 235, 264, 280, 281, 284, 295
Philosophy: PHL 111, 121, 131, 200, 260

IAI MATHEMATICS (1 COURSE)

	Sem.	Grade
MAT 282 (3)	_____	_____

IAI SOCIAL AND BEHAVIORAL SCIENCES (2 COURSES)

	Sem.	Grade
PSY 132 or Social Science Elective	_____	_____
ECO 201 or Social Science Elective	_____	_____

IAI Social and Behavioral Sciences Electives:

Anthropology: ANT 111, 202, 216, 240
Economics: ECO 201, 202
Geography: GEO 112
History: HIS 103, 104, 201, 202
Political Science: PSC 131, 211, 212, 213, 289
Psychology: PSY 132, 200, 203, 262
Sociology: SOC 133, 221, 263, 264

IAI PHYSICAL SCIENCE (2 COURSES)

One course must include a lab.

	Sem.	Grade
PHY 155 (5)	_____	_____
BIO 225 (3) or Life Science Elective	_____	_____

Additional Associate in Science degree requirements:

PHY 156 (5) or PHY 121 (4)	_____	_____
MAT 111 (5) or MAT 116 (3)	_____	_____

MAJOR AND GENERAL ELECTIVE REQUIREMENTS (IAI GECC and

major/elective credits must total a minimum of 64 hours, leaving 20 - 25 for major and/or general elective credits.

Consult with the transfer institution to determine if certain courses require a grade of "C" or higher, or if there is a minimum grade point average for admission to your declared major. Please select courses on this guide in accordance with the Articulation Notes for your transfer institution.

	Sem.	Grade
ORI 100 (1)	_____	_____
MAT 131 (5)	_____	_____
ELT 103 (4) or Elective	_____	_____
ELT 150 (4) or Elective	_____	_____
ELT 200 (5) or Elective	_____	_____
BUS 235 (3) or Elective	_____	_____
CPS 206 (4) or Elective	_____	_____
MAC 152 (2) or Elective	_____	_____
MAC 153 (2) or Elective	_____	_____
MAC 154 (2) or Elective	_____	_____
MAC 159 (2) or Elective	_____	_____

ARTICULATION NOTES: Consult the transfer institution for specific requirements. SIUC Transfer Information.

SIUC Transfer Information.

Offers an Electrical Engineering Technology specialization under Engineering Technology. Take PHY 155 (PHYS 203A/253A) and PHY 156 (PHYS 203B/253B). Take MAT 111 (MATH 111), 131 (MATH 150) and 120 or 282 (MATH 282). Take BUS 235 (MGMT 202) and CPS 206 (CS 202 or ECE 222). Take BIO 225 (BIOL 202). Take ELT 103 (EET 245), ELT 150 (EET 150) and ELT 200 (EET 238)

ISU Transfer Information:

Offers a B.S. in Engineering Technology under the Department Technology. Take MAC 152 and 153 (TEC 233) and MAC 154 and 159 (TEC 234). Take MAT 116 (MAT 120), MAT 282 or BUS 121 (MQM100), PHY 121 (PHY 105) and PSY 132 (PSY 110). Take nine additional credits of Engineering Technology electives. Select from ACC 200/201 (ACC 131), ECO 201 (ECO 101) and BUS 222 (FIL 185)

As a general graduation requirement an approved AMALI (formerly Global Studies) course is required. Select from ANT 111, 216, GEO 112 (GEO 135), HIS 103, 104, 213, PSC 120 (HIS 104a03), HUM 120, JPN 101 (JPN 111), JPN 102 (JPN 112), PHL 200, 260, PSC 212 (POL 151) PSC 213.

Engineering Technology majors are exempt from the SMT degree requirement.



John A. Logan College

Associate in Science Degree in Mathematics

Transfer Curriculum 000AS0087
Associate in Science: 64 Hrs. Min.
Major Code: 1.1 270101B
Effective Date: Fall 2019

GENERAL EDUCATION (IAI GECC, 37-38 CREDITS)

The Illinois Articulation Initiative (IAI) General Education Core Curriculum (GECC) requires 12 to 13 courses from the following five areas. Courses selected to meet IAI GECC requirements may also meet course requirements for a specific major.

IAI COMMUNICATIONS (3 COURSES)

	Sem.	Grade
ENG 101 or ENG 113 (C grade or higher)	_____	_____
ENG 102 (C grade or higher)	_____	_____
COM 115 Speech	_____	_____

IAI HUMANITIES AND FINE ARTS (2 COURSES)

At least one course must be an IAI Fine Arts elective and one course must be an IAI Humanities elective.

	Sem.	Grade
Fine Arts Elective (3)	_____	_____
PHL 121 or Humanities Elective (3)	_____	_____

IAI Fine Arts Electives:

Art: ART 111, 220, 221, 291
Literature: LIT 275
Music: MUS 105, 225
Theater: THE 113

IAI Humanities Electives:

Foreign Language: FRE 202, GER 202, SPN 202
History: HIS 101, 102, 213
Literature: LIT 210, 230, 235, 264, 280, 281, 284, 295
Philosophy: PHL 111, 121, 131, 200, 260

IAI MATHEMATICS (1 COURSE)

	Sem.	Grade
MAT 131 (5)	_____	_____

IAI SOCIAL AND BEHAVIORAL SCIENCES (2 COURSES)

At least two different disciplines (course prefixes) must be represented.

	Sem.	Grade
Social Science Elective (3)	_____	_____
Social Science Elective (3)	_____	_____

IAI Social and Behavioral Sciences Electives:

Anthropology: ANT 111, 202, 216, 240
Economics: ECO 201, 202
Geography: GEO 112
History: HIS 103, 104, 201, 202
Political Science: PSC 131, 211, 212, 213, 289
Psychology: PSY 132, 200, 203, 262
Sociology: SOC 133, 221, 263, 264

IAI PHYSICAL/LIFE SCIENCES (2 COURSES)

One course must be at least 4 credit hours and include a lab component.

	Sem.	Grade
BIO 101 (4) or Life Science Elective	_____	_____
PHY 205 (5) or Physical Science Elective	_____	_____

IAI Life Science Electives:

Biology: BIO 100, 101, 105, 110, 225
Interdisciplinary: PHS 101 with PHS 111, SCI 210A and SCI 210B
Life Science: SCI 215

IAI Physical Science Electives:

Chemistry: CHM 141, 151
Interdisciplinary: PHS 101 with PHS 111, SCI 210A and SCI 210B
Physical Science: PHS 102, 103, 105, 107
Physics: PHY 121, 155, 205

Additional Associate in Science Degree Requirements

(Courses should be applicable to the desired major)

	Sem.	Grade
MAT 201-(5)	_____	_____
PHY 206 or Physical or Life Science Elective	_____	_____

MAJOR AND GENERAL ELECTIVE REQUIREMENTS (IAI GECC and major/elective credits must total a minimum of 64 hours, of which 24-25 must be general elective credits.)

Consult with the transfer institution to determine if certain courses require a grade of "C" or higher, or if there is a minimum grade point average for admission to your declared major. Please select courses on this guide in accordance with the Articulation Notes for your transfer institution.

	Sem.	Grade
ORI 100 (1)	_____	_____
CPS 206 (4) or Elective	_____	_____
MAT 202 (5)	_____	_____
MAT 205 (3) or General Elective	_____	_____
MAT 221 (3) or General Elective	_____	_____
PHY 205 (5) or General Elective	_____	_____
PHY 206 (5) or General Elective	_____	_____
Foreign Language (8) or General Electives	_____	_____

ARTICULATION NOTES: Consult the transfer institution for specific requirements

IAI AND MATHEMATICS MAJOR PABNEL INFORMATION: Take MAT 131, 201 and MAT 221 or MAT 205 to fulfill core. It is highly advised to complete the Calculus sequence at the same institution. Take CPS 206 and PHY 205. JALC Math suggests PHL 121-3 as the IAI GECC Humanities Elective

SIUC TRANSFER INFORMATION: For the B.S. degree under the College of Science take MAT 131, 201, 202, MAT 221. Take CPS 206. Take MAT 205 as a match to MATH 305 that fulfills a Group C requirement.

-Take a two course Foreign Language sequence at the college level to satisfy the College of Science Supportive Skill requirement. Three years of the same language with grades of C or higher in high school will also satisfy the Supportive Skills requirement. BIO 101 and 102 will satisfy the College of Science Biological Sciences requirement. PHY 205/206 can fulfill the Physical Sciences requirement for the College of Science.

SIUE TRANSFER INFORMATION: All program options under Mathematics and Statistics require completion of a core. Take MAT 131, 201 and 202. Take MAT 221. Take PHY 205. PHL 121 is recommended. MAT 223 and CS 145 will need to be completed at SIUE.

B.S. degree options include Actuarial Science, Applied Math, Pure Math, Statistics and Teacher Licensure. Depending on the Mathematical Studies option, additional courses could be taken at JALC that meet degree requirements.

EIU TRANSFER INFORMATION: Offers Mathematics with two concentrations (Applied Mathematics and Pure Mathematics)

- Take MAT 131, 201, 202 and 221. Also take CPS 206
- Take MAT 205 and CPS 215 for the Applied Mathematics option. Take MAT 205 for the Pure Mathematics option.
- Foreign Language-8 is required but two years in a single language in high school with "C" or grades will waive the one year/two course requirement.

ISU TRANSFER INFORMATION: Offers Mathematics with two concentrations (Applied Mathematics and Pure Mathematics)--Take MAT 131, 201, 202 and 221. Take CPS 206.

- Take MAT 205 and CPS 215 for the Applied Mathematics option. Take MAT 205 for the Pure Mathematics option.
- Foreign Language-8 hours is required but two years in a single language in high school with "C" or grades will waive the one year/two course requirement



John A. Logan College

Associate in Science Degree in Physics

Transfer Curriculum 000AS0087
Associate in Science: 64 Hrs.
Major Code: 1.1400801B
Effective Date: Fall 2019

GENERAL EDUCATION (IAI GECC, 31-32 CREDITS)

The Illinois Articulation Initiative (IAI) General Education Core Curriculum (GECC) requires 12 to 13 courses. Courses selected to meet IAI GECC requirements may also meet course requirements for a specific major. The degree requirements as listed **do not complete IAI GECC core requirements.**

An additional 3 credits of approved Humanities or Fine Arts and 3 credits of Social Sciences are needed to complete the core. These additional courses may be taken as electives or upon transfer to the four year institution.

IAI COMMUNICATIONS (3 COURSES)

	Sem.	Grade
ENG 101 or ENG 113 (C grade or higher)	_____	_____
ENG 102 (C grade or higher)	_____	_____
COM 115 Speech	_____	_____

IAI HUMANITIES AND FINE ARTS (2 COURSES)

At least one course must be an IAI Fine Arts elective and one course must be an IAI Humanities elective.

	Sem.	Grade
Fine Arts Elective (3)	_____	_____
Humanities Elective (3)	_____	_____

IAI Fine Arts Electives:

Art: ART 111, 220, 221, 291

Literature: LIT 275

Music: MUS 105, 225

Theater: THE 113

IAI Humanities Electives:

Foreign Language: FRE 202, GER 202, SPN 202

History: HIS 101, 102, 213

Literature: LIT 210, 230, 235, 264, 280, 281, 284, 295

Philosophy: PHL 111, 121, 131, 200, 260

IAI MATHEMATICS (1 COURSE)

	Sem.	Grade
MAT 131 (5)	_____	_____

IAI SOCIAL AND BEHAVIORAL SCIENCES (2 COURSES)

At least two different disciplines (course prefixes) must be represented.

	Sem.	Grade
Social Science Elective (3)	_____	_____
Social Science Elective (3)	_____	_____

IAI Social and Behavioral Sciences Electives:

Anthropology: ANT 111, 202, 216, 240

Economics: ECO 201, 202

Geography: GEO 112

History: HIS 103, 104, 201, 202

Political Science: PSC 131, 211, 212, 213, 289

Psychology: PSY 132, 200, 203, 262

Sociology: SOC 133, 221, 263, 264

IAI PHYSICAL/LIFE SCIENCES (2 COURSES)

One course must include a lab component.

	Sem.	Grade
BIO 101 or Life Science Elective (4-3)	_____	_____
PHY 205 (5)	_____	_____

IAI Life Science Electives:

Biology: BIO 100, 101, 105, 225

Interdisciplinary: PHS 101 with PHS 111, SCI 210A and SCI 210B

Life Science: SCI 215

IAI Physical Science Electives:

Chemistry: CHM 141, 151

Interdisciplinary: PHS 101 with PHS 111, SCI 210A and SCI 210B

Physical Science: PHS 102, 103, 105, 107

Physics: PHY 121, 155, 205

Additional Associate in Science Degree Requirements

MAT 201(5)	_____	_____
PHY 206 (5) Fall only	_____	_____

MAJOR AND GENERAL ELECTIVE REQUIREMENTS (IAI GECC and major/elective credits **must total a minimum of 64 hours** for the degree.) Students should select elective hours that will allow them to complete this 64 hour requirement.) **Pre-requisite courses may be required before taking these electives. Consult with the Course Catalog and your advisor.**

	Sem.	Grade
ORI 100 (1)	_____	_____
CHM 151 or Elective (5-3)	_____	_____
CHM 152 or Elective (5-3)	_____	_____
MAT 202 or Elective (3)	_____	_____
MAT 221 or Elective (3)	_____	_____
Foreign Language or Elective	_____	_____

ARTICULATION NOTES: Consult with the transfer institution to assess if certain courses required a grade of "C" or higher, or if there is a minimum grade point average for admission to your declared major. Please select course on this guide in accordance with the Articulation Notes for your transfer institution.

ARTICULATION NOTES

The Associate in Science degree by designed does not fulfill the complete IAI GECC package. To transfer with the IAI GECC component complete, you will need to select an additional course under the IAI Humanities and Fine Arts area and one additional course posted as an IAI Social and Behavioral Sciences course.

IAI PHYSICS MAJOR Panel INFORMATION

Take PHY 205 (IAI PHY 911), PHY 206 (PHY 912), MAT 131 (MTH 901) and CHM 151 (CHM 911).

SIUC TRANSFER INFORMATION

SIUC offers a B.S. degree in Physics with four specializations (Traditional Physics, Biomedical Physics, Computational Physics and Materials and Nanophysics

For the Traditional Specialization, take CHM 151 (CHEM 200/201), MAT 131 (MATH 150), MAT 221 (MATH 221), MAT 201 (MATH 250) and MAT 202 (MATH 305). Take PHY 205 (PHYS 205A) and PHY 206 (PHYS 255B). Take CPS 202 (CS 215) and CPS 215 (CS 220) as physics elective credit.

The College of Science Academic Requirements not already covered include: Biological Science, select one from BIO 100, 101, 102, 105, 205, 206 or 225. Supportive Skills, select ENG 113 (with ENG 10/102. ENG 113 substitutes for ENG 291 OR MAT 120 or 129 for MATH 282 OR a semester or two of a foreign language (FRE 101/102, GER 101/102 or SPN 101/102)

SIUE TRANSFER INFORMATION

SIUE offers a B.S. degree in Physics.

Take MAT 131(MATH 150), MAT 201 (MATH 152), MAT 202 (MATH 250), MAT 205 (MATH 305) and MAT 221 (MATH 321). Take COM 115 (ACS 101), PHL 121 (RA 101), PHY 205 (PHYS 151/151L), PHY 206 (PHYS 152/152L). CHEM 131, 135, PHYS 201/201L and CS 145 are also required but currently a JALC equivalent if not available.

ISU TRANSFER INFORMATION

ISU offers a B.B. degree in Physics

Take PHY 205 (PHY 110), PHY 206 (PHY 111), PHY 202 (PHY 220), MAT 131 (MAT 145), MAT 201 (MAT 146), MAT 202 (MAT 147) and MAT 221 (MAT175). Take FRE 101/102 or GER 101/102 or SPN 101/102to satisfy the LAN 111/112 requirement. Note: ASL/IPP 141/142 will also satisfy this LAN requirement. Take CHM 151(CHE 140) and SHM 152 (CHE 141). The SMT course is satisfy by coursework already mentioned. To meet the AMALI requirement, take one of

the following (ANT 111, 216, GEO112, HIS 103, 104, 213, HUM 120, PHL 200,260, PSC 120, 212 or 213).

EIU TRANSFER INFORMATION

EIU offers a B.S. degree in Physics. Options are also available in Astronomy, Computational Physics and Engineering Physics

For the general Physics program, take ENG 101/102 (ENG 1001G/1002G), COM 115 (CMN 1310G), PHY 205 (PHY 1351G/1352G), PHY 206 (PHY 1361/1362), CHM 151 (CHM 1310G/1315G), CHM 152 (CHM 1410/1415), MAT 131 (MAT 1441G, MAT 201 (MAT 2442) and MAT 202 (MAT 2443). Take two semesters of a single World Language (FRE 101/102 as WLF 1101/1102 or GER 101/102 as WLG 1101/1102 or SPN 101/102 as WLS 1101/1102). Within the IAI course selection, one course from either Humanities/Fine Arts or Social/Behavioral Sciences must be culturally diverse (LIT 284, 295, ANT 102, SOC 215 or 221)

UIUC TRANSFER INFORMATION

UIUC offers a B.S. degree in Physics. Effective Fall 2019, transfer applicants must demonstrate subject mastery by earning a minimum of a "B" grade in all required courses.

Take CHM 151 (CHEM 102/103), MAT 131 (MATH 220), MAT 201 (MATH 231), MAT 202 (MATH 241- a UIUC bridge course -MATH 292 must also be completed). (note: the calculus sequence should be completed prior to transfer). Take PHY 205 (PHYS 211) and PHY 206 (PHYS 212). Take CPS 206 (CS 101).

The College of Liberal Arts and Sciences requires the completion through the fourth level of a single foreign language (FRE 101/102/ 201/ 202 for FR 101/102/103/104 or GER 101/102/201/202 for GER 101/102/103/104 or SPN 101/102/201/202 for SPAN 101/102/130/ UF4-2)



John A. Logan College

Associate in Science Degree in Pre-Chiropractic

Transfer Curriculum 000AS0087
Associate in Science: 63 Hrs.
Major Code: 1.1 511106
Effective Date: Fall 2019

GENERAL EDUCATION (IAI GECC, 37-38 CREDITS)

The Illinois Articulation Initiative (IAI) General Education Core Curriculum (GECC) requires 12 to 13 courses. Courses selected to meet IAI GECC requirements may also meet course requirements for a specific major. The degree requirements as listed **do not complete IAI GECC core requirements.** An additional 3 credits of approved Humanities or Fine Arts and 3 credits of Social Sciences are needed to complete the core. These additional courses may be taken as electives or upon transfer to the four year institution.

IAI COMMUNICATIONS (3 COURSES)

	Sem.	Grade
ENG 101 or ENG 113 (C grade or higher)	_____	_____
ENG 102 (C grade or higher)	_____	_____
COM 115 Speech	_____	_____

IAI HUMANITIES AND FINE ARTS (2 COURSES)

At least one course must be an IAI Fine Arts elective and one course must be an IAI Humanities elective.

	Sem.	Grade
Fine Arts Elective (3)	_____	_____
PHL 121 or Humanities Elective (3)	_____	_____

IAI Fine Arts Electives:

Art: ART 111, 220, 221, 291
Literature: LIT 275
Music: MUS 105, 225
Theater: THE 113

IAI Humanities Electives:

Foreign Language: FRE 202, GER 202, SPN 202
History: HIS 101, 102, 213
Literature: LIT 210, 230, 235, 264, 280, 281, 284, 295
Philosophy: PHL 111, 121, 131, 200, 260

IAI MATHEMATICS (1 COURSE)

	Sem.	Grade
Math Elective	_____	_____

IAI Mathematics Electives:

MAT 112, MAT 113, MAT 116, MAT 117, MAT 119, MAT 120, MAT 125/CPS 202, MAT 131, MAT 201, MAT 202, MAT 282

IAI SOCIAL AND BEHAVIORAL SCIENCES (2 COURSES)

At least two different disciplines (course prefixes) must be represented.

	Sem.	Grade
PSY 132 (3)	_____	_____
Social Science Elective (3)	_____	_____

IAI Social and Behavioral Sciences Electives:

Anthropology: ANT 111, 202, 216, 240
Economics: ECO 201, 202
Geography: GEO 112
History: HIS 103, 104, 201, 202
Political Science: PSC 131, 211, 212, 213, 289
Psychology: PSY 132, 200, 203, 262
Sociology: SOC 133, 221, 263, 264

IAI PHYSICAL/LIFE SCIENCES (2 COURSES)

One course must include a lab component.

	Sem.	Grade
BIO 101 (4)	_____	_____
PHY 155 (5)	_____	_____

Additional Associate in Science Degree requirements (Courses should be applicable to your intended majors)

	Sem.	Grade
MAT 108 (4)	_____	_____
BIO 102 (4)	_____	_____

MAJOR AND GENERAL ELECTIVE REQUIREMENTS 21+ (IAI GECC and major/elective credits must total a minimum of 63 hours for the degree. Students should select elective hours that will allow them to complete this 62 hour requirement.) Pre-requisite courses may be required before taking these electives. Consult with the Course Catalog and your advisor.

	Sem.	Grade
ORI 100 (1)	_____	_____
MAT 109 (3)	_____	_____
CHM 151 (5)	_____	_____
CHM 152 (5)	_____	_____
CHM 201 (5)	_____	_____
CHM 202 (5)	_____	_____
PHY 156 (5)	_____	_____

ARTICULATION NOTES: Consult with the transfer institution to assess if certain courses require a grade of "C" or higher, or if there is a minimum grade point average for admission to your declared major. Please select courses on this guide in accordance with the Articulation Notes for your transfer institution.

SIUC TRANSFER INFORMATION: Pre-Chiropractic is not a major. In some cases, you must choose a major in which to earn a baccalaureate degree.

The SIUC Health Professions Information Office suggests basic course requirements for Illinois and Missouri Chiropractic Schools.

--Take BIO 101 and 102. Take CHM 151, 152, 201, and 202. Take MAT 108 and 109. Take PHY 155 and 156. Take PSY 132. PHL 121 is recommended.



John A. Logan College

Associate in Science Degree in Pre-Pharmacy

Transfer Curriculum 000AS0087
Associate in Science: 64 Hrs.
Major Code: 1.1511103B
Effective Date: Fall 2019

GENERAL EDUCATION (IAI GECC, 37-38 CREDITS)

The Illinois Articulation Initiative (IAI) General Education Core Curriculum (GECC) requires 12 to 13 courses. Courses selected to meet IAI GECC requirements may also meet course requirements for a specific major. The degree requirements as listed **do not complete IAI GECC core requirements.** An additional 3 credits of approved Fine Arts and 3 credits of Social Sciences are needed to complete the core. These additional courses may be taken as electives or upon transfer to the four year institution.

IAI COMMUNICATIONS (3 COURSES)

	Sem.	Grade
ENG 101 or ENG 113 (C grade or higher)	_____	_____
ENG 102 (C grade or higher)	_____	_____
COM 115 Speech	_____	_____

IAI HUMANITIES AND FINE ARTS (2 COURSES)

At least one course must be an IAI Fine Arts elective and one course must be an IAI Humanities elective.

	Sem.	Grade
PHL 111 or PHL 121 or PHL 131 (3)	_____	_____
IAI Literature Course (3)	_____	_____

IAI Literature Electives: LIT 210, 230, 235, 264, 275, 280, 281, 284, 295

IAI MATHEMATICS (1 COURSE)

	Sem.	Grade
MAT 282(3)	_____	_____

IAI SOCIAL AND BEHAVIORAL SCIENCES (2 COURSES)

At least two different disciplines (course prefixes) must be represented.

	Sem.	Grade
PSY 132 or SOC 133 (3)	_____	_____
ECO 201 or ECO 202 (3)	_____	_____

IAI PHYSICAL/LIFE SCIENCES (2 COURSES)

One course must be at least 4 credit hours and include a lab component.

	Sem.	Grade
BIO 101 (4)	_____	_____
PHY 155 (5)	_____	_____

Additional Associate in Science Degree Requirements

(Course should be applicable to desired major)

	Sem.	Grade
BIO 102 (4)	_____	_____
MAT 131 (5)	_____	_____

MAJOR AND GENERAL ELECTIVE REQUIREMENTS (IAI GECC and major/elective credits must total a minimum of 64 hours for the degree. Select courses from this listing with consideration to Articulation Notes)

	Sem.	Grade
ORI 100 (1)	_____	_____
BIO 205 (4)	_____	_____
BIO 206 (4)	_____	_____
BIO 226 (4)	_____	_____
CHM 151 (5)	_____	_____
CHM 152 (5)	_____	_____
CHM 201 (5)	_____	_____
CHM 202 (5)	_____	_____

ARTICULATION NOTES: Consult with your academic advisor and/or the transfer institution to assess if certain courses require a grade of "C" or higher, or if there is a minimum grade point average for admission to your declared major.

SIUE TRANSFER INFORMATION: This guide is prepared to align with the SIUE School of Pharmacy curriculum and the 2 plus 4 degree option. These courses are required even though an Associate in Science degree has been earned. It should be understood the completion of these pre-pharmacy course requirements does not guarantee admission to the SIUE School of Pharmacy. -Take BIO 101, 102, 205, 206 and 226. Take CHM 151, 152, 201 and 202. Take MAT 131. Take PHY 155 and 156 (note: Students entering the SIUE program in 2016 or 2017 can take MAT 282 in lieu of PHY 156. Students entering the Pharmacy program in 2018 or later take MAT 282). Take ECO 201 or 202. Take PSY 132 or SOC 133. Select one Philosophy from PHL 111, 121, or 131. Select one Humanities course from the IAI LIT courses.

Other

*If you elect to transfer to an institution other than SIUE and one that offers Pharmacy, consult with your academic advisor and/or the transfer institution regarding degree program options and course recommendations.



John A. Logan College

Associate in Science Degree in Pre-Physical Therapy

Transfer Curriculum 000AS0087
Associate in Science: 64 Hrs.
Major Code: 1.1 511109
Effective Date: Fall 2019

GENERAL EDUCATION (IAI GECC, 31-32 CREDITS)

The Illinois Articulation Initiative (IAI) General Education Core Curriculum (GECC) requires 12 to 13 courses. Courses selected to meet IAI GECC requirements may also meet course requirements for a specific major. The degree requirements as listed do **not** complete IAI GECC core requirements. An additional 3 credits of approved Humanities or Fine Arts **and** 3 credits of Social Sciences are needed to complete the core. The additional courses may be taken as electives or upon transfer to the four year institution.

IAI COMMUNICATIONS (3 COURSES)

	Sem.	Grade
ENG 101 or ENG 113 (C grade or higher)	_____	_____
ENG 102 (C grade or higher)	_____	_____
COM 115 Speech	_____	_____

IAI HUMANITIES AND FINE ARTS (2 COURSES)

At least one course must be an IAI Fine Arts elective and one course must be an IAI Humanities elective.

	Sem.	Grade
Fine Arts Elective (3)	_____	_____
PHL 111 (3)	_____	_____

IAI Fine Arts Electives:

Art: ART 111, 220, 221, 291

Literature: LIT 275

Music: MUS 105, 225

Theater: THE 113

IAI Humanities Electives:

Foreign Language: FRE 202, GER 202, SPN 202

History: HIS 101, 102, 213

Literature: LIT 210, 230, 235, 264, 280, 281, 284, 295

Philosophy: PHL 111, 121, 131, 200, 260

IAI MATHEMATICS (1 COURSE)

	Sem.	Grade
MAT 282 (3)	_____	_____

IAI SOCIAL AND BEHAVIORAL SCIENCES (2 COURSES)

At least two different disciplines (course prefixes) must be represented.

	Sem.	Grade
PSY 132 (3)	_____	_____
SOC 133 (3)	_____	_____

IAI Social and Behavioral Sciences Electives:

Anthropology: ANT 111, 202, 216, 240

Economics: ECO 201, 202

Geography: GEO 112

History: HIS 103, 104, 201, 202

Political Science: PSC 131, 211, 212, 213, 289

Psychology: PSY 132, 200, 203, 262

Sociology: SOC 133, 221, 263, 264

IAI PHYSICAL/LIFE SCIENCES (2 COURSES)

One course must be at least 4 credit hours and include a lab component.

	Sem.	Grade
BIO 101 (4)	_____	_____
PHY 155 (5)	_____	_____

Additional Associate in Science Degree requirements

(Courses should be applicable to desired major)

	Sem.	Grade
BIO 102 (4)	_____	_____
MAT 108 (4)	_____	_____

MAJOR AND GENERAL ELECTIVE REQUIREMENTS (IAI GECC and major/elective credits **must total a minimum of 64 hours** for the degree. Students should select elective hours that will allow them to complete this 64 hour requirement.) **Pre-requisite courses may be required before taking these electives. Consult with the Course Catalog and your advisor. Major Specific General Electives for B.S. degree.**

	Sem.	Grade
ORI 100 (1)	_____	_____
CHM 151 or CHM 141 (5-4)	_____	_____
CHM 152 or CHM 142 (5-4)	_____	_____
BIO 105 or BIO 205 (4)	_____	_____
MAT 131 (5)	_____	_____
MAT 109 (4)	_____	_____
PHY 156 (5)	_____	_____
HIT 217 (3)	_____	_____
PSY 270 (3)	_____	_____

ARTICULATION NOTES: Consult with the transfer institution to assess if certain courses require a grade of "C" or higher, or if there is a minimum grade point average for admission to your declared major. Please select courses on this guide in accordance with the Articulation Notes for your transfer institution.

SIUC TRANSFER INFORMATION: Physical Therapy is not a major at SIUC. Students must satisfy certain course requirements and choose a major in which to earn a baccalaureate degree. Physical Therapy Programs are offered on the doctoral level. Typical undergraduate majors include Biological Sciences/Biomed Track, Physiology, Psychology, Therapeutic Recreation, Kinesiology (Exercise Science).

-BIO 101 and 102. CHM 151 and 152 or 141 and 142. Take PHL 111. Take MAT 108, 109, and 282. MAT 131 (required at UIC and Northwestern). Take PHY 155 and 156. Take BIO 105 or 205. Take PSY 132 and 270 and SOC 133.

--Recommendations include HIT 217 (required by University of Evansville and Northwestern).

--Current certification in first aid and CPR are required by some schools.

Physical Therapy experiences (40 to 100 hours) of observing, volunteering or working are required to be completed at the time of application. These experiences must be documented by physical therapists licensed in the US. It is recommended that experiences represent different specialties. Opportunities exist in hospitals, nursing homes, Easter Seals, United Cerebral Palsy, March of Dimes, Visiting Nurses Association, health maintenance organizations or standalone physical therapy clinics.



John A. Logan College

Associate in Science Degree in Pre-Physician Assistant

Transfer Curriculum 000AS0087
Associate in Science: 63 Hrs.
Major Code: 1.1511102
Effective Date: Fall 2019

GENERAL EDUCATION (IAI GECC, 31-32 CREDITS)

The Illinois Articulation Initiative (IAI) General Education Core Curriculum (GECC) requires 12 to 13 courses. Courses selected to meet IAI GECC requirements may also meet course requirements for a specific major. **Degree requirements have been revised for new students for the fall 2016 term.** The degree requirements as listed **do not complete IAI GECC core requirements.** An additional 3 credits of approved Humanities or Fine Arts and 3 credits of Social Sciences are needed to complete the core. These additional courses may be taken as electives or upon transfer to the four year institution.

IAI COMMUNICATIONS (3 COURSES)

	Sem.	Grade
ENG 101 or ENG 113 (C grade or higher)	_____	_____
ENG 102 (C grade or higher)	_____	_____
COM 115 Speech	_____	_____

IAI HUMANITIES AND FINE ARTS (2 COURSES)

At least one course must be an IAI Fine Arts elective and one course must be an IAI Humanities elective.

	Sem.	Grade
Fine Arts Elective (3)	_____	_____
Humanities Elective (3)	_____	_____

IAI Fine Arts Electives:

Art: ART 111, 220, 221, 291

Literature: LIT 275

Music: MUS 105, 225

Theater: THE 113

IAI Humanities Electives:

Foreign Language: FRE 202, GER 202, SPN 202

History: HIS 101, 102, 213

Literature: LIT 210, 230, 235, 264, 280, 281, 284, 295

Philosophy: PHL 111, 121, 131, 200, 260

IAI MATHEMATICS (1 COURSE)

	Sem.	Grade
MAT 282 (3)	_____	_____

IAI SOCIAL AND BEHAVIORAL SCIENCES (2 COURSES)

At least two different disciplines (course prefixes) must be represented.

	Sem.	Grade
PSY 132 (3)	_____	_____
Social Science Elective (3)	_____	_____

IAI Social and Behavioral Sciences Electives:

Anthropology: ANT 111, 202, 216, 240

Economics: ECO 201, 202

Geography: GEO 112

History: HIS 103, 104, 201, 202

Political Science: PSC 131, 211, 212, 213, 289

Psychology: PSY 132, 200, 203, 262

Sociology: SOC 133, 221, 263, 264

IAI PHYSICAL/LIFE SCIENCES (2 COURSES)

One course must include a lab component.

	Sem.	Grade
BIO 101 (4)	_____	_____
CHM 151 (5)	_____	_____

Additional Associate in Science Degree requirements

(Courses should be applicable to your intended major)

	Sem.	Grade
MAT Elective (3 to 5 credits)	_____	_____
BIO 205 (4)	_____	_____

MAJOR AND GENERAL ELECTIVE REQUIREMENTS (IAI GECC and major/elective credits must total a minimum of 63 hours for the degree. Students should select elective hours that will allow them to complete this 62 hour requirement.) **Pre-requisite courses may be required before taking these electives. Consult with the Course Catalog and your advisor.**

	Sem.	Grade
ORI 100 (1)	_____	_____
HIT 217 (3)	_____	_____
BIO 206 (4)	_____	_____
Credits applicable to intended BS Degree		
Elective	_____	_____
Elective	_____	_____
Elective	_____	_____
Elective	_____	_____
Elective	_____	_____

ARTICULATION NOTES: Consult the transfer institution to assess if certain courses require a grade of "C" or higher, or if there is a minimum grade point average for admission to your declared major. Please select courses on this guide in accordance with the Articulation Notes for your transfer institution.

SIUC TRANSFER INFORMATION: Applicants to the seven semester Master of Science Physician Assistant Studies (MSPA) program must hold a **Bachelor's degree from an accredited college or university.**

--Only courses with grade of C or better will be accepted. The prerequisite course GPA, as calculated by SIU, must be at least a 3.2 (A=4.0).

--Take HIT 217 (AH 105), CHM 151 (CHEM 200, 201, 202), PSY 132, BIO 101, 205 and 206. Take MAT 282. Take additional credits (15-17) that are applicable to the intended Bachelor of Science major.

--BLS certification in CPR for health care providers is required.

--Applicants should have significant health care experiences, with preference given to candidates with at least 2000 of documented work. This experience should be in conjunction with shadowing a licensed, certified practicing Physician Assistant.

--Applicants must submit test scores from either the GRE or MCAT.

--Applicants need to be proficient in the use of computers and especially with software applications such as Microsoft Word.

--The application process is open once a year and begins on April 22nd.

--Those invited to join the PA program are required to pass a criminal background check through CertifiedBackground.com prior to matriculation.



Associate in Science Degree

in

Pre-Professional Dental, Medicine, Optometry, and Podiatry

Transfer Curriculum 000AS0087
Associate in Science: 63 Hrs.
Major Code: 1.1511199B
Effective Date: Fall 2019

GENERAL EDUCATION (IAI GECC, 37-38 CREDITS)

The Illinois Articulation Initiative (IAI) General Education Core Curriculum (GECC) requires 12 to 13 courses. Courses selected to meet IAI GECC requirements may also meet course requirements for a specific major. **Degree requirements have been revised for new students for the fall 2016 term.** The degree requirements as listed do **not** complete IAI GECC core requirements. An additional 3 credits of approved Humanities or Fine Arts **and** 3 credits of Social Sciences are needed to complete the core. These additional courses may be taken as electives or upon transfer to the four year institution.

IAI COMMUNICATIONS (3 COURSES)

	Sem.	Grade
ENG 101 or ENG 113 (C grade or higher)	_____	_____
ENG 102 (C grade or higher)	_____	_____
COM 115 Speech	_____	_____

IAI HUMANITIES AND FINE ARTS (2 COURSES)

At least one course must be an IAI Fine Arts elective and one course must be an IAI Humanities elective.

	Sem.	Grade
Fine Arts Elective (3)	_____	_____
PHL 121 (3)	_____	_____

IAI Fine Arts Electives:

Art: ART 111, 220, 221, 291
Literature: LIT 275
Music: MUS 105, 225
Theater: THE 113

IAI Humanities Electives:

Foreign Language: FRE 202, GER 202, SPN 202
History: HIS 101, 102, 213
Literature: LIT 210, 230, 235, 264, 280, 281, 284, 295
Philosophy: PHL 111, 121, 131, 200, 260

IAI MATHEMATICS (1 COURSE)

	Sem.	Grade
MAT 282 (3)	_____	_____

IAI SOCIAL AND BEHAVIORAL SCIENCES (2 COURSES)

At least two different disciplines (course prefixes) must be represented.

	Sem.	Grade
PSY 132 (3)	_____	_____
SOC 133 (3)	_____	_____

IAI Physical/Life Sciences (2 courses)

One course must include a lab component.

	Sem.	Grade
BIO 101 (4)	_____	_____
PHY 155 (5)	_____	_____

Additional Associate in Science Degree requirements

(Course should be applicable to the desired major)

	Sem.	Grade
BIO 102 (4)	_____	_____
MAT 108 (4)	_____	_____

MAJOR AND GENERAL ELECTIVE REQUIREMENTS (IAI GECC and major/elective credits **must total a minimum of 63 hours** for the degree. Students should select elective hours that will allow them to complete this 63 hour requirement, along with consideration to the Articulation Notes.) **Pre-requisite courses may be required before taking these electives. Consult with the Course Catalog and your advisor.**

	Sem.	Grade
ORI 100 (1)	_____	_____
MAT 109 (3)	_____	_____
PHY 156 (5)	_____	_____
PSY 200 (3)	_____	_____
CHM 151 (5)	_____	_____
CHM 152 (5)	_____	_____
CHM 201 (5)	_____	_____
CHM 202 (5)	_____	_____

ARTICULATION NOTES: Consult with the transfer institution to assess if certain courses require a grade of "C" or higher, or if there is a minimum grade point average for admission to your declared major. Please select courses on this guide in accordance with the Articulation Notes for your transfer institution.

SIUC TRANSFER INFORMATION: According to the Health Professions information Office, there are basic course requirements applicable to US Dental, Medicine, Optometry and Podiatry Schools. In addition, some courses are recommended/required to be well prepared for the revised MCAT.

--Take BIO 101 and 102. Take CHM 151, 152, 201 and 202. Take MAT 108 and 109. Take PHY 155 and 156.

--Strongly recommended courses include: MAT 282, PHL 121, PSY 132, SOC 133 and PSY 200.

Students will need to declare a major. Popular majors include Physiology, Biological Sciences/Biomed Track, Microbiology and Chemistry. Non Science major students must have a strong science GPA to be competitive.



John A. Logan College

Associate in Science Degree in Pre-Veterinary Medicine

Transfer Curriculum 000AS0087
Associate in Science: 63 Hrs.
Major Code: 1.1511104
Effective Date: Fall 2019

GENERAL EDUCATION (IAI GECC, 31-32 CREDITS)

The Illinois Articulation Initiative (IAI) General Education Core Curriculum (GECC) requires 12 to 13 courses. Courses selected to meet IAI GECC requirements may also meet course requirements for a specific major. **Degree requirements have been revised for new students for the fall 2016 term.** The degree requirements as listed do **not complete IAI GECC core requirements.** An additional 3 credits of approved Humanities or Fine Arts and 3 credits of Social Sciences are needed to complete the core. The additional courses may be taken as electives or upon transfer to the four year institution.

IAI COMMUNICATIONS (3 COURSES)

	Sem.	Grade
ENG 101 or ENG 113 (C grade or higher)	_____	_____
ENG 102 (C grade or higher)	_____	_____
COM 115 Speech	_____	_____

IAI HUMANITIES AND FINE ARTS (2 COURSES)

At least one course must be an IAI Fine Arts elective and one course must be an IAI Humanities elective.

	Sem.	Grade
Fine Arts Elective (3)	_____	_____
Humanities Elective (3)	_____	_____

IAI Fine Arts Electives:

Art: ART 111, 220, 221, 291
Literature: LIT 275
Music: MUS 105, 225
Theater: THE 113

IAI Humanities Electives:

Foreign Language: FRE 202, GER 202, SPN 202
History: HIS 101, 102, 213
Literature: LIT 210, 230, 235, 264, 280, 281, 284, 295
Philosophy: PHL 111, 121, 131, 200, 260

IAI MATHEMATICS (1 COURSE)

	Sem.	Grade
MAT 282 or Math Elective (3-5)	_____	_____

MAT 112, MAT 113, MAT 116, MAT 117, MAT 119, MAT 120, Mat 125/CPS 202, MAT 131, Mat 201, MAT 202, MAT 282

IAI SOCIAL AND BEHAVIORAL SCIENCES (2 COURSES)

At least two different disciplines (course prefixes) must be represented.

	Sem.	Grade
Social Science Elective (3)	_____	_____
Social Science Elective (3)	_____	_____

IAI Social and Behavioral Sciences Electives:

Anthropology: ANT 111, 202, 216, 240
Economics: ECO 201, 202
Geography: GEO 112
History: HIS 103, 104, 201, 202
Political Science: PSC 131, 211, 212, 213, 289
Psychology: PSY 132, 200, 203, 262
Sociology: SOC 133, 221, 263, 264

IAI PHYSICAL/LIFE SCIENCES (2 COURSES)

One course must be at least 4 credit hours and include a lab component.

	Sem.	Grade
BIO 101 (4)	_____	_____
PHY 155 (5)	_____	_____

Additional Associate in Science Degree requirements

(Courses should be applicable to desired major)

	Sem.	Grade
BIO 102 (4)	_____	_____
MAT 108 (4)	_____	_____

MAJOR AND GENERAL ELECTIVE REQUIREMENTS (IAI GECC and major/elective credits **must total a minimum of 62 hours** for the degree. Students should select elective hours that will allow them to complete this 63 hour requirement.) **Pre-requisite courses may be required before taking these electives. Consult with the Course Catalog and your advisor.**

	Sem.	Grade
ORI 100 (1)	_____	_____
MAT 109 (3)	_____	_____
CHM 151 (5)	_____	_____
CHM 152 (5)	_____	_____
CHM 201 (5)	_____	_____
PHY 156 (5)	_____	_____

ARTICULATION NOTES: Consult with the transfer institution to assess if certain courses require a grade of "C" or higher, or if there is a minimum grade point average for admission to your declared major. Please select courses on this guide in accordance with the Articulation Notes for your transfer institution.

SIUC TRANSFER INFORMATION: Pre-Veterinary Medicine is not a major at SIUC. Students must choose a major in which to earn a baccalaureate degree. At SIUC, both Zoology and Animal Science offer pre-veterinary medicine tracks.

The SIUC Health Professions Information Office suggests basic course requirements for veterinary medicine include:

--Take BIO 101 and 102. Take CHM 151, 152, and 201. Take MAT 108 and 109. Take PHY 155 and 156.

-Depth and breadth of experiences with animals, including working for and/or observing a veterinarian, is essential. Consider observing at a veterinarian's office, working as a kennel care giver or assistant, volunteering at a wildlife refuge and animal shelter. You may need a letter of recommendation and documentation of related experiences.

For the Bachelor of Science in Zoology-Pre-Veterinary Science specialization, take MAT 282 or JRN 201 to satisfy the Supportive Skills requirement, Take CIS 207 or MAT 116 or MAT 117 to satisfy a degree requirement.



John A. Logan College

Certificate in Accounting

Career Curriculum 00ACC0063
Minimum Hours: 31
Major Code: 1.2 520301
Effective Date: Fall 2019

FIRST YEAR – FALL SEMESTER

Dept.	No.		Hrs.	Grade
ORI	100	College 101	1	_____
ACC	200	Financial Accounting I	3	_____
MAT	113	Introduction to Contemporary Mathematics OR	<u>3</u>	_____
		MAT 108 College Algebra OR	7	
		BUS 111 Business Mathematics		

NOTES AND INFORMATION

<u>Fall Only Courses:</u>		<u>Spring Only Courses:</u>
ACC	218	ACC 105
		ACC 225
		CIS 220

Additional Information: This program, composed largely of accounting courses, is designed for the student who desires to gain and/or increase skills in the area of accounting. Successful completion of the program will lead to the awarding of a certificate of achievement.

Career Opportunities: Accounting Clerk, Bookkeeping Clerk, Payroll Clerk.

John A. Logan College reserves the right to modify this curriculum guide as needed. Please verify with your academic advisor the accuracy and time lines of this document.

FIRST YEAR – SPRING SEMESTER

Dept.	No.		Hrs.	Grade
ACC	105	Payroll Accounting	3	_____
ACC	201	Financial Accounting II	<u>3</u>	_____
			6	

SECOND YEAR – FALL SEMESTER

Dept.	No.		Hrs.	Grade
ACC	202	Managerial Accounting	3	_____
ACC	218	Tax Accounting	3	_____
CIS	104	Spreadsheet Design	3	_____
COM	115	Speech OR	<u>3</u>	_____
		COM 116 Interpersonal Communication	12	

SECOND YEAR – SPRING SEMESTER

Dept.	No.		Hrs.	Grade
ACC	225	Integrated Accounting on Computers	3	_____
CIS	220	Advanced Spreadsheet Design	<u>3</u>	_____
			6	



John A. Logan College

Certificate Toward a Degree in ASL/Deaf Studies

Career Curriculum IPP0192
Minimum Hours: 34
Major Code: 1.2 161603
Effective Date: Fall 2020

FIRST YEAR – FALL SEMESTER

Dept.	No.		Hrs.	Grade
ORI	100	College 101	1	_____
IPP	111	Non-Verbal Language	3	_____
ASL	141	American Sign Language (ASL I) ^{1, 2}	4	_____
			8	

FIRST YEAR – SPRING SEMESTER

Dept.	No.		Hrs.	Grade
ASL	142	American Sign Language (ASL II) ^{1, 2}	4	_____
IPP	144	ASL Classifiers	3	_____
IPP	151	Deaf Studies/Culture	3	_____
			10	

SECOND YEAR – FALL SEMESTER

Dept.	No.		Hrs.	Grade
ASL	143	American Sign Language (ASL III) ¹	5	_____
IPP	211	ASL Linguistics I	3	_____
			8	

SECOND YEAR – SPRING SEMESTER

Dept.	No.		Hrs.	Grade
IPP	212	ASL Linguistics II	3	_____
ASL	244	ASL IV–Survey of ASL Literature ¹	5	_____
			8	

NOTES AND INFORMATION

¹ A grade of "C" or higher is required in:

- ASL 141 American Sign Language (ASL I)
- ASL 142 American Sign Language (ASL II)
- ASL 143 American Sign Language (ASL III)
- ASL 244 ASL IV–Survey of ASL Literature

² Competency in American Sign Language communication ("C" or better in ASL 141 and 142) must be achieved before starting second year of classes.

Additional Information: This certificate program is designed to train individuals to become competent using American Sign Language with the deaf and hard-of-hearing population. The program introduces students to the history, characteristics, and needs of the hard of hearing along with American Sign Language.

Career Opportunities: Graduates of this program would work in the public school system, kindergarten through twelfth grade, as teachers' assistants. Graduates of this program would also be able to tutor deaf and hard of hearing children and provide other support services for deaf and hard of hearing children, work as job coaches for deaf and hard of hearing adults, in rehabilitation facilities with deaf and hard of hearing persons, and in any situation where skill in American Sign Language is required. This program would also assist interpreters to improve their general interpreting skills by providing additional language training.

John A. Logan College reserves the right to modify this curriculum guide as needed. Please verify with your academic advisor the accuracy and time lines of this document.



Certificate in Auto Collision Technology Structural Damage Repair

Career Curriculum AUT0014
Minimum Hours: 50
Major Code: 1.2 470603
Effective Date: Fall 2019

FALL SEMESTER

Dept.	No.		Hrs.	Grade
ORI	100	College 101	1	_____
ACT	190	Auto Body Repair I	2	_____
ACT	191	Metal Finishing and Painting	2	_____
ACT	196	Auto Body Lab	5	_____
ACT	294	Plastics and Adhesives	2	_____
WEL	150	Oxy-Acetylene Fusion Welding I	1	_____
WEL	160	M.I.G. Welding	2	_____
WEL	196	M.I.G. Welding -- Aluminum	<u>1</u>	_____
			16	

NOTES AND INFORMATION

The Auto Collision Technology Certificate Program (AUT 0014) is the parent program to:

- Paint & Metal Technician Certificate Program (AUT 0115)

¹ Although this class is recommended, it is not required for graduation from this program and therefore is ineligible for Title IV financial aid funding.

Career Opportunities: Service Writer, Body Shop Estimator, Insurance Estimator, Auto Body Painter, Body Shop Manager, Collision Technician, Painter's Helper, Detailer, Body Shop Receptionist, Entry-Level Auto Body Metal Fabricator, Auto Body Shop Owner

SPRING SEMESTER

Dept.	No.		Hrs.	Grade
ACT	192	Frame and Body Alignment	2	_____
ACT	193	Advanced Auto Body Repair	1	_____
ACT	194	Body Shop Management	1	_____
ACT	197	Auto Body Repair and Paint Lab II	5	_____
ACT	273	Chassis Electrical	3	_____
ACT	291	Mechanical Systems for Collision Technology	<u>2</u>	_____
			14	

John A. Logan College reserves the right to modify this curriculum guide as needed. Please verify with your academic advisor the accuracy and time lines of this document.

SUMMER SEMESTER

Dept.	No.		Hrs.	Grade
ACT	293	Structural Damage Repair	1	_____
ACT	296	Structural Damage Repair Lab	<u>4</u>	_____
			5	

FALL SEMESTER

Dept.	No.		Hrs.	Grade
AST	173	Braking Systems	4	_____
AST	280	Air Conditioning	4	_____
AST	281	Suspension and Steering	4	_____
COM	115	Speech	<u>3</u>	_____
			15	

OPTIONAL

Dept.	No.		Hrs.	Grade
INT	101	Internship ¹	1-3	_____



Certificate in Automotive Services Technology

Career Curriculum 00AST0052
Minimum Hours: 49
Major Code: 1.2 470604
Effective Date: Fall 2019

FIRST SEMESTER – FALL

Dept. No.	Hrs.	Grade
First Half		
ORI 100 College 101	1	_____
AST 172 Introduction to Automotive Services	2	_____
AST 173 Braking Systems	4	_____
Second Half		
AST 170 Engine Repair	4	_____
AST 180A Basic Electrical Systems	2	_____
	13	

SECOND SEMESTER – SPRING

Dept. No.	Hrs.	Grade
First Half		
AST 171A Ignition Systems	4	_____
AST 180B Starting and Charging Systems	2	_____
Second Half		
AST 171B Fuel and Exhaust Systems	4	_____
AST 180C Electrical Accessories	2	_____
	12	

THIRD SEMESTER - FALL

Dept. No.	Hrs.	Grade
First Half		
AST 200 Alternative Fuels	2	_____
AST 280 Air Conditioning	4	_____
Second Half		
AST 273 Automotive Computer Electronics	2	_____
AST 281 Suspension and Steering	4	_____
	12	

FOURTH SEMESTER – SPRING

Dept. No.	Hrs.	Grade
First Half		
AST 270 Manual Drive Trains and Axles	4	_____
AST 276 Emission Control Systems	2	_____
Second Half		
AST 271 Automatic Transmissions/Transaxles	4	_____
AST 279 ASE Testing	2	_____
	12	

OPTIONAL

Dept. No.	Hrs.	Grade
INT 101 Internship ¹	1-3	

NOTES AND INFORMATION

¹ Although this class is recommended, it is not required for graduation from this program and therefore is ineligible for Title IV financial aid funding.

All students registered for Automotive Services Technology classes will be required to furnish a basic tool set. The set includes the following:

Drive Sockets (1/4" sq.)

- (10) 6-pt Standard (5/32" through 1/2")
- (10) 6-pt. Metric (4, 5, 5.5, 6 through 12 mm)
- (1) Quick Release Ratchet
- (1) Extension

Drive Sockets (3/8" sq.)

- (9) 6-pt. or 12-pt. Standard (3/8" through 7/8")
- (10) 6-pt. or 12-pt. Metric (10mm through 19mm)
- (1) Ratchet
- (1) Extension (3"), (1) Extension (6")

Drive Sockets (1/2" sq.)

- (4) 6-pt. or 12-pt. Standard (15/16", 1", 1 1/16", 1 1/8")
- (4) 6-pt. or 12-pt. Metric (21mm, 22mm, 24mm, 27mm)
- (1) Ratchet
- (1) Extension (3")

Wrenches (combination)

- (7) Standard (3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4")
- (7) Metric (10mm, 12mm, 13mm, 14mm, 15mm, 17mm, 19mm)

Screwdrivers

- (2) Slotted (1 small, 1 large)
- (2) Phillips (1 small, 1 large)

Pliers

- (1) Slip Joint Pliers
- (1) Diagonal Cutting

Additional Tools

- (1) Hammer
- (1) Locking Tool Box

Additional Information: Principles of design and operation provide for an exact appreciation of the functions of automotive units. Coordinated laboratory work develops the ability to execute diagnostic tests and complete the repairs that are indicated. The curriculum prepares students for employment as line mechanics, diagnostic technicians, and industrial maintenance personnel, as well as shop managers, company technicians, factory representatives, or teachers.

Career Opportunities: Line mechanic, diagnostic technician, factory representative, factory technician, self-employment, automotive technician at dealerships, independent garages, automotive specialty shops, and parts-related businesses.

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John A. Logan College

Certificate in Biomedical Electronics Technician

Career Curriculum00ELT3024
Minimum Hours: 32
Major Code: 1.2 150401
Effective Date: Fall 2020

FALL SEMESTER

Dept.	No.		Hrs.	Grade
ORI	100	College 101	1	_____
ELT	102	Basic Electricity and Wiring	4	_____
ELT	111	Digital Electronics I	3	_____
ELT	215	IOT and Embedded Systems	3	_____
ELT	250	Biomedical Instrumentation II	3	_____
MAT	113	Intro to Contemporary Math or MAT 112		
		Intro to Contemporary Math with Integrated Review	<u>3</u>	_____
			17	

NOTES AND INFORMATION

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SPRING SEMESTER

Dept.	No.		Hrs.	Grade
ELT	112	Digital Electronics II	3	_____
ELT	170	Biomedical instrumentation I	3	_____
ELT	218	Introduction to Network Tech.	3	_____
ELT	280	Biomedical Instrumentation III	3	_____
HIT	217	Medical Terminology I	<u>3</u>	_____
			15	

The Biomedical Electronics Technician Certificate Program (ELT3024) is an ICCB approved extension of the Biomedical Electronics Technician Associate in Applied Science Degree (ELT3023)



Certificate in Business Management

Career Curriculum BUS2007
Minimum Hours: 39
Major Code: 1.2 520201
Effective Date: Fall 2019

FIRST YEAR – FALL SEMESTER

Dept.	No.		Hrs.	Grade
ORI	100	College 101	1	_____
BUS	110	Introduction to Business	3	_____
BUS	235	Business Communication	3	_____
BUS	255	Customer Service	3	_____
ECO	201	Introduction to Macroeconomics OR ECO 202 Introduction to Microeconomics	<u>3</u> 13	_____

NOTES AND INFORMATION

Fall Only Courses:		Spring Only Courses:	
BUS	255	IDM	120
MKT	113	MGT	112
MKT	130	MGT	228

The Business Management Certificate Program (BUS 2007) is an ICCB approved extension of the Business Management AAS Degree (BUS 2006).

FIRST YEAR – SPRING SEMESTER

Dept.	No.		Hrs.	Grade
BUS	222	Legal/Social Environment of Business	3	_____
CIS	207	Computer Applications for Business	3	_____
IDM	120	Safety and Environmental Management	2	_____
MGT	112	Principles of Management	3	_____
MGT	228	Small Business Management	<u>3</u> 14	_____

Career Opportunities: entry-level management positions in retail management, sales management, office management, and restaurant management; possible career opportunities within local, state, and federal government agency facilities.

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SECOND YEAR – FALL SEMESTER

Dept.	No.		Hrs.	Grade
ACC	100	Business Accounting	3	_____
MAT	113	Introduction to Contemporary Mathematics OR BUS 111 Business Mathematics	3	_____
MKT	113	Principles of Marketing I	3	_____
MKT	130	Sales I	<u>3</u> 12	_____



John A. Logan College

Certificate in CNC Machinist

Career Curriculum MAC2014
Minimum Hours: 33
Major Code: 1.2 480510
Effective Date: Fall 2019

FIRST YEAR – FALL SEMESTER

Dept.	No.		Hrs.	Grade
ORI	100	College 101	1	_____
ELT	102	Basic Electricity and Wiring	4	_____
IDM	210	Hydraulics and Pneumatics	3	_____
IND	201	Metallurgy	2	_____
MAC	200	Machine Tool Laboratory	4	_____
MFT	103	Industrial Robots and PLCs	3	_____
			17	

FIRST YEAR – SPRING SEMESTER

Dept.	No.		Hrs.	Grade
IDM	120	Safety and Environmental Management	2	_____
MAC	154	Introduction to CNC	2	_____
MAC	159	CAM Operations	2	_____
MAC	180	Blueprint Reading	3	_____
MFT	201	PLC Manufacturing Systems	3	_____
WEL	150	Oxy-Acetylene Fusion Welding I	1	_____
WEL	151	Oxy-Acetylene Fusion Welding II	2	_____
WEL	162	T.I.G. Welding	1	_____
			16	

NOTES AND INFORMATION

All students registered for this program will be required to furnish a basic tool set. The set includes the following:

- Combination square (recommend: Starrett, Mitutoyo or Fowler)
- Micrometer set 1" & 2" (recommend: Starrett, Mitutoyo or Fowler) *optional*
- 6" dial calipers (recommend: Starrett, Mitutoyo or Fowler)
- Carbide tipped scribe
- Steel toed work boots/shoes
- Safety glasses with side shields
- 6" flexible rule
- Shop apron
- Ball end Allen wrench set (standard and metric)
- Red lead pencil, grease pencil, and fine tip Sharpie
- Tool box
- 25' tape measure
- Blue jeans (100% cotton)
- Long sleeve shirt (100% cotton)
- Leather welding gloves
- Channel lock pliers
- Composition notebook (qty 2)
- 3 ring binder with 1 package of tab dividers
- Scientific calculator (TI30XA or equivalent) *no programmable calculators*
- Digital multi-meter (DMM) must measure volts, ohms, and milli-amps
- Replacement fuses for meter
- 15 amp fuses (qty 4)
- Needle nose pliers
- Lineman's pliers
- Cable stripper
- #2 Phillips screwdriver
- ¼" standard screwdriver

Note: Cost varies from different suppliers.

Career Opportunities: Beginning salaries are comparable to other technical careers with many positions offering an opportunity for quick advancement. These positions can be found in our region and throughout the nation from manufacturing companies, industrial companies, government agencies, and the mining industry.

Upon completion of the CNC Machine Certificate program, a student may find employment as a machine tool operator/programmer, CNC machinist, lathe operator, mill operator, or a general machinist. This program provides the student with an opportunity to start as a higher level in the work force with quick advancement within a company possible.

A job placement service is provided for all John A. Logan College graduates in an effort to assist students in finding gainful employment. Each year new graduates prepare or update resumes and submit them to the college Placement Office for review by potential employers.

John A. Logan College reserves the right to modify this curriculum guide as needed. Please verify with your academic advisor the accuracy and time lines of this document.



John A. Logan College

Certificate in Computer Information Systems

Career Curriculum CIS0401
Minimum Hours: 34
Major Code: 1.2 110401
Effective Date: Fall 2020

FALL SEMESTER

Dept.	No.		Hrs.	Grade
ORI	100	College 101	1	_____
CIS	200	Network Essentials	3	_____
CIS	206	Managing Network Environment I	3	_____
CIS	101	Introduction to Computers OR CIS 207* Computer Application for Business	3	_____
ENG	101	English Composition I ¹ OR ENG 113 Professional Technical Writing ¹	3	_____
MAT	120	Elementary Statistics OR MAT 119 Elementary Statistics with Integrated Review OR BUS 111 Business Mathematics	3 3 16	_____ _____ _____

SPRING SEMESTER

Dept.	No.		Hrs.	Grade
ACC	100	Business Accounting OR ACC 200 Financial Accounting I	3	_____
CIS	104	Spreadsheet Design	3	_____
CIS	120	Database Management	3	_____
CIS	208	Security Awareness	3	_____
CIS	209	Introduction to Cybercrimes	3	_____
CIS	230	Operating Systems	3 18	_____ _____

NOTES AND INFORMATION

¹ Requires a grade of "C" or higher.

* Students planning on completing AAS in CIS should take CIS 207

The Computer Information Systems Certificate Program (CIS 0401) is an ICCB approved extension of the Computer Information Systems AAS Degree (CIS 0400).

Additional Information: Students who successfully complete this program will have the minimum skills necessary to maintain an existing small business automated system. They will be able to perform the duties necessary to enter, store, retrieve, transfer, update, and maintain data files. They will possess the required technical knowledge to ensure the proper care of equipment and software. Students who complete this one-year program will receive a Certificate of Achievement.

Career Opportunities: Upon successful completion of this program, students will have the minimum skills necessary to maintain an existing small business information system; perform the duties necessary to enter, store, retrieve, transfer, update, and maintain computerized information; and possess the required technical knowledge to ensure the proper care of equipment and software.

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Certificate in Cosmetology

Career Curriculum 00C0S0056
Minimum Hours: 39.5
Major Code: 1.2 120401
Effective Date: Fall 2019

FALL SEMESTER

Dept.	No.		Hrs.	Grade
ORI	100	College 101	1	_____
COS	101	Cosmetology Theory I	6	_____
COS	111	Cosmetology Laboratory I	<u>11</u>	_____
			18	

NOTES AND INFORMATION

* COS 260 Cosmetology Review is an optional refresher course to meet IDFPR licensure requirements.

** ALH 101 or 102 is a required course. No course substitutions are allowed.

The Cosmetology Certificate (00C0S0056) is the parent program to:

- Cosmetology Teacher Program Certificate (00C0S0057)

SPRING SEMESTER

Dept.	No.		Hrs.	Grade
COS	102	Cosmetology Theory II	5	_____
COS	112	Cosmetology Lab	<u>11</u>	_____
			16	

Additional Information: The Cosmetology Program is designed to give students thorough training in the arts, skills, and applied sciences that deal with adornment through care and treatment of the hair, nails, and skin.

The Cosmetology Licensure Certificate Program meets the standards of the Department of Financial and Professional Regulation-Division of Professional Regulations, State of Illinois, in total hours, teaching staff, equipment, facilities, library, and course content.

SUMMER SEMESTER

Dept.	No.		Hrs.	Grade
ALH	101	Cardiopulmonary Resuscitation OR ALH 102 CPR Recertification**	.5-1	_____
COS	113	Cosmetology Lab III (Summer only)	3	_____
COS	114	Cosmetology Internship Program (Summer only)	<u>2</u>	_____
			5.5-6	

Graduates are prepared for licensure by the Department of Financial and Professional Regulation-Division of Professional Regulations, State of Illinois, upon passing the Illinois Cosmetology examination. This qualifies the graduate for employment.

Career Opportunities: Cosmetologist, salon owner, salon manager, manicurist/pedicurist/nail technician, hairstylist/hair dresser, sales representative.

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John A. Logan College

Certificate Toward a Degree in Dental Assisting*

Career Curriculum DNA0039
Minimum Hours: 40
Major Code: 1.2 510601
Effective Date: Fall 2019

FALL SEMESTER

Dept.	No.		Hrs.	Grade
ORI	100	College 101	1	_____
DNA	100	Oral & Dental Anatomy	2	_____
DNA	102	Dental Assisting Procedures I	4	_____
DNA	104	Dental Radiography I	3	_____
DNA	107	Dental Materials	3	_____
DNA	108	Head and Neck Anatomy	2	_____
DNA	110	Infection Control	1	_____
DNA	113	Oral Embryology and Histology	2	_____
			18	

SPRING SEMESTER

Dept.	No.		Hrs.	Grade
DNA	101	Dental Emergencies and Pathology	2	_____
DNA	103	Dental Assisting Procedures II	2	_____
DNA	105	Dental Radiography II	2	_____
DNA	106	Preventive Dental Health Education	3	_____
DNA	109	Dental Office Procedures	2	_____
DNA	112	Dental Assisting Externship	5	_____
			16	

SUMMER SEMESTER

Dept.	No.		Hrs.	Grade
PSY	132	General Psychology ¹	3	_____
COM	115	Speech ² OR	3	_____
		COM 116 Interpersonal Communication	6	_____

NOTES AND INFORMATION

* Students must maintain a grade of "C" or higher in **all** courses.

¹ All required general education classes must be completed with a grade of "C" or higher.

² Transfer Information: Students planning to transfer to Lewis & Clark Community College's Dental Hygiene Program should take SPE 115.

Lewis & Clark Community College and Parkland Colleges will accept and articulate John A. Logan College's Dental Assisting courses when students enter their Dental Hygiene program. The student should contact these institutions directly to initiate the process upon application.

Additional Information:

The Dental Assisting Program prepares students to become highly competent individuals possessing the skills and knowledge necessary for performing the many tasks required to provide quality dental care. As a member of the dental health team, the dental assistant is responsible for providing such services as assisting the dentist with operative and surgical procedures, manipulating of dental materials, taking radiographs, providing oral health instructions, and performing office management skills. Classroom theory, laboratory practice, and clinical training on campus and in the dental office are included in this certificate program.

Graduates will be eligible to sit for the Dental Assisting National Board Exam, and successful candidates may use the title "Certified Dental Assistant (CDA)." Certification is highly recommended and mandatory in some states. This certificate program is accredited by the Commission on Dental Accreditation of the American Dental Association, a specialized accrediting body recognized by the Council on Post-Secondary Accreditation and by the United States Department of Education. The Southern Illinois Dental Society endorses the John A. Logan College Dental Assisting Program.

Entrance exams will be given with the ranking of raw scores and weighting of the two general education classes (SPE 115 or SPE 116 and PSY 132). Selection will be completed in late April.

Career Opportunities: To obtain employment in a private dental office or state facility. Duties include working directly with dentist, laboratory duties and office experiences. Dental assistants must be reliable, work well with others and have good manual dexterity. This occupation is projected to grow in the next few years.

The Dental Assisting Program is accredited by: Commission on Dental Accreditation (CODA)

211 East Chicago Avenue
Chicago, IL 60611

Career Opportunities: Practice in a private dental office, cleaning teeth, exposing x-rays, providing dental care instructions, and maintaining patient records.

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John A. Logan College

Certificate Toward a Degree in Early Childhood Education Family Childcare

Career Curriculum ECE0006
Minimum Hours: 34
Major Code: 1.2 190709
Effective Date: Fall 2019

FIRST YEAR – FALL SEMESTER

Dept.	No.		Hrs.	Grade
ORI	100	College 101	1	_____
ALH	101	Cardiopulmonary Resuscitation	1	_____
ECE	151	Health, Safety, and Nutrition	3	_____
ECE	160	Child, Growth, and Development	3	_____
ECE	161	Early Childhood Practicum*	1	_____
ECE	260	Child, Family, and Community Relations	3	_____
ENG	101	English Composition I	3	_____
PSY	132	General Psychology	3	_____
			18	

NOTES AND INFORMATION

The Family Child Care certificate program (ECE 0006) is an ICCB approved extension of the Early Childhood Education A.A.S. degree program (ECE 0005). Students completing this certificate will also earn the Illinois Gateways to Opportunity, Family Child Care Credential.

*Gateways Level 3 credential requires the minimum of 20 hours of practicum experience: 10 hours of supervised work experience in early childhood classroom and 10 hours of supervised experience in a licensed family child care home is required, totaling 20 hours of practicum experience.

**400 hours of documented work experience in a child care center and 600 hours of documented work experience in a licensed family child care home will satisfy the practicum requirement.

FIRST YEAR – SPRING SEMESTER

Dept.	No.		Hrs.	Grade
ECE	171	Family Child Care Practicum*	1	_____
ECE	220	Infant Toddler Curriculum	3	_____
ECE	240	Observation and Assessment	3	_____
ECE	265	Early Childhood Curriculum	3	_____
ECE	266	Preschool Administration	3	_____
MAT	108	College Algebra OR MAT 119 OR MAT 120 Elementary Statistics OR BUS 111 Business Mathematics	3-4 16-17	_____

Additional Information: Currently the Department of Children and Family Services (DCFS) requires licensed "Group Day Care Home" providers to complete 30 hours of college credit. This allows the Group Day Care Home to care for up to 16 children with the support of a full-time and part-time assistant. This DCFS educational requirement does not apply to a licensed "Day Care Home" provider serving 8 children alone or serving 12 children with the support of an assistant. In order to meet high-quality program standards, all child care providers seeking accreditation and higher child care reimbursement rates will benefit from additional educational requirements.

Career Opportunities: The Family Child Care Certificate program prepares individuals to provide professional, high-quality care and early education to children in a **home setting**. Please note: The completion of 60 college credit hours or an associate degree is required for teachers in child care centers and assistant teachers in public schools.

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Certificate

Toward a Degree in

Early Childhood Education

Family Childcare

Career Curriculum ECE0006
 Minimum Hours: 30
 Major Code: 1.2 190709
 Effective Date: Fall 2020

FIRST YEAR – FALL SEMESTER

Dept.	No.		Hrs.	Grade
ORI	100	College 101	1	_____
ALH	101	Cardiopulmonary Resuscitation	1	_____
ECE	151	Health, Safety, and Nutrition	3	_____
ECE	160	Child, Growth, and Development	3	_____
ECE	260	Child, Family, and Community Relations	3	_____
ENG	101	English Composition I	3	_____
PSY	132	General Psychology	3	_____
			17	

NOTES AND INFORMATION

The Family Child Care certificate program (ECE 0006) is an ICCB approved extension of the Early Childhood Education A.A.S. degree program (ECE 0005). Students completing this certificate will also earn the Illinois Gateways to Opportunity, Family Child Care Credential.

*Gateways Level 3 credential requires the minimum of 20 hours of practicum experience: 10 hours of supervised work experience in early childhood classroom and 10 hours of supervised experience in a licensed family child care home is required, totaling 20 hours of practicum experience.

**400 hours of documented work experience in a child care center and 600 hours of documented work experience in a licensed family child care home will satisfy the practicum requirement.

FIRST YEAR – SPRING SEMESTER

Dept.	No.		Hrs.	Grade
ECE	171	Family Child Care Practicum*	1	_____
ECE	220	Infant Toddler Curriculum OR ECE 265 Early Childhood Curriculum	3	_____
ECE	240	Observation and Assessment	3	_____
ECE	266	Preschool Administration	3	_____
MAT	108	College Algebra OR MAT 120 Elementary Statistics OR BUS 111 Business Mathematics	3-4 13-14	_____

This is a Gainful Employment Certificate Program of 16 credit hours or more that prepares the student for gainful employment in a recognized occupation. For detailed information regarding program length, cost, average loan debt and completion details, select the following link to the Gainful Employment Worksheet for this program.

https://www.jalc.edu/files/uploads/global/consumer_information/pdfs/gainful_employment/family_child_care.pdf You can also access this information by typing the following URL into your browser's address bar:
http://www.jalc.edu/gainful_employment/family_child_care/Gedt.html

Additional Information: Currently the Department of Children and Family Services (DCFS) requires licensed "Group Day Care Home" providers to complete 30 hours of college credit. This allows the Group Day Care Home to care for up to 16 children with the support of a full-time and part-time assistant. This DCFS educational requirement does not apply to a licensed "Day Care Home" provider serving 8 children alone or serving 12 children with the support of an assistant. In order to meet high-quality program standards, all child care providers seeking accreditation and higher child care reimbursement rates will benefit from additional educational requirements.

Career Opportunities: The Family Child Care Certificate program prepares individuals to provide professional, high-quality care and early education to children in a **home setting**. **Please note:** The completion of 60 college credit hours or an associate degree is required for teachers in child care centers and assistant teachers in public schools.

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John A. Logan College

Certificate Toward a Degree in Electronics Technician

Career Curriculum00ELT3016

Minimum Hours:26

Major Code: 1.2 470199

Effective Date: Fall 2021

FIRST YEAR – FALL SEMESTER

Dept.	No.		Hrs.	Grade
ELT	102	Basic Electricity and Wiring	4	_____
ELT	111	Digital Electronics I ¹	3	_____
ENG	101	English Composition I ¹ OR ENG 113 Professional Technical Writing	3	_____
MAT	113	OR MAT 112 Introduction to Contemporary Mathematics	3	_____
ORI	101	College 101	<u>1</u>	_____
			14	

FIRST YEAR – SPRING SEMESTER

Dept.	No.		Hrs.	Grade
ELT	150	Applied Solid State Electronics	3	_____
ELT	112	Digital Electronics II	3	_____
ELT	200	Introduction to Microprocessors	3	_____
PHY	121	Technical Physics	<u>3</u>	_____
			12	

NOTES AND INFORMATION

Fall Only Courses:

ELT 102

ELT 111

Spring Only Courses:

ELT 150 ELT 200

ELT 112

¹ Requires a grade of "C" or higher.

Career Opportunities: Entry-level Technician, Sales Associate, Quality Control Technician, Customer Services Technician/Representative, Electronics Repair Associate/Technician

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The Electronics Technician Certificate Program (ELT3014) is an ICCB approved extension of the Electronics Technology Associate in Applied Science Degree (ELT3010)



John A. Logan College

Certificate Toward a Degree in Emergency Medical Services

Career Curriculum EMS 0102
Minimum Hours: 49
Major Code: 1.2 510904
Effective Date: Fall 2020

FIRST YEAR – FALL SEMESTER

Dept.	No.		Hrs.	Grade
ORI	100	College 101	1	_____
EMS	250	Paramedic I	<u>12.0</u>	_____
			13.0	

FIRST YEAR – SPRING SEMESTER

Dept.	No.		Hrs.	Grade
EMS	251	Paramedic II	9.0	_____
EMS	251A	Paramedic II Clinical	<u>3.0</u>	_____
			12	

FIRST YEAR – SUMMER SEMESTER

Dept.	No.		Hrs.	Grade
EMS	252	Paramedic III	9.0	_____
EMS	252A	Paramedic III Clinical	<u>3.0</u>	_____
			12	

SECOND YEAR – FALL SEMESTER

Dept.	No.		Hrs.	Grade
EMS	253	Paramedic IV	9.0	_____
EMS	253A	Paramedic IV Clinical	<u>3.0</u>	_____
			12	

NOTES AND INFORMATION

* Students must complete EMT 111--Emergency Medical Technician I prior to entering the EMS program.
Current Illinois EMT-Basic (EMT-B) or EMT-Intermediate (EMT-I) certification is required.

Graduates after January 1, 2013 will be eligible to sit for the Illinois Department of Public Health, EMT-Paramedic (EMT-P) licensing exam but ineligible to sit for the National Registry of Emergency Medical Technicians Exam (NREMT).

The Emergency Medical Services Certificate Program (EMS 0102) is an ICCB approved extension of the Emergency Medical Services AAS Degree (EMS 0101).

Career Opportunities: Graduates of the program will be eligible to sit for the Illinois Department of Public Health, EMT-Paramedic (EMT-P) licensing exam which is required for paramedic licensure in the state of Illinois. Licensed paramedics have employment opportunities in hospitals, ambulance services, fire departments, colleges and within various governmental programs.

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John A. Logan College

Certificate

Toward a Degree in

Emergency Medical Technician

Career Curriculum
Minimum Hours: 12
Major Code: 1.2
Effective Date: Fall 2021

FIRST YEAR – FALL SEMESTER

Dept.	No.		Hrs.	Grade
EMT	111	Emergency Medical Technician	12	_____

NOTES AND INFORMATION

Career Opportunities: Emergency Medical Technician (EMT)

John A. Logan College reserves the right to modify this curriculum guide as needed. Please verify with your academic advisor the accuracy and time lines of this document.



John A. Logan College

Certificate Toward a Degree in Graphic Design

Career Curriculum GRD0005
Minimum Hours: 50
Major Code: 1.2 500409
Effective Date: Fall 2019

FIRST YEAR – FALL SEMESTER

Dept.	No.		Hrs.	Grade
ART	101	Two Dimensional Design	3	_____
ART	180	Drawing I	3	_____
GRD	110	Graphics Design I	5	_____
ORI	100	College 101	<u>1</u>	_____
			12	

NOTES AND INFORMATION

¹Electives to choose from: ART 205, ART 256, ART 297, BUS 110, BUS 235, BUS 222, BUS 255, CIS 105, CIS 208

The Graphics Design Certificate Program (GRD 0005) is an ICCB approved extension of the Graphic Design Associate in Applied Science Degree (GRD 2004).

FIRST YEAR – SPRING SEMESTER

Dept.	No.		Hrs.	Grade
ART	290	Computer Art I	3	_____
GRD	120	Graphics Design II	5	_____
CIS	207	Computer Applications for Business	3	_____
MKT	224	Advertising	<u>3</u>	_____
			14	

Career Opportunities: Graphic designers work for print shops, magazine companies, newspaper companies, advertising agencies, television stations and other related industries. The needs for each company vary, but a graphic designer's responsibilities may include the creation of graphics, photography, animation, page setup, layout, logo design, and web page design.

The certificate program is geared toward students desiring a career in graphics design, updating their existing skills, or having an interest in artistic expression. This program is ideal for dislocated or incumbent workers who wish to concentrate their education toward graphics design related classes.

SECOND YEAR – FALL SEMESTER

Dept.	No.		Hrs.	Grade
ART	220	History of Art I	3	_____
ART	296	Photography I	3	_____
INT	101	Internship	1	_____
GRD	210	Graphics Design III	<u>5</u>	_____
			12	

Beginning salaries are comparable to other technical careers with the possibility for advancement within a particular company. A job placement service is provided for all John A. Logan College graduates to help students find employment.

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SECOND YEAR – SPRING SEMESTER

Dept.	No.		Hrs.	Grade
ART	292	Computer Art II	3	_____
GRD	220	Animation	3	_____
GRD	230	Video Production	3	_____
		Elective ¹	<u>3</u>	_____
			12	



Certificate Toward a Degree in Heating and Air Conditioning

Career Curriculum HAC0006
Minimum Hours: 46
Major Code: 1.2 470201
Effective Date: Fall 2019

FIRST YEAR – FALL SEMESTER

Dept.	No.		Hrs.	Grade
ORI	100	College 101	1	_____
HAC	102	Residential Electrical Wiring	4	_____
HAC	121	Heating I	4	_____
MAT	113	Introduction to Contemporary Mathematics OR MAT 100 Mathematics for Applied Technologies OR MAT 120 Elementary Statistics	3	_____
WEL	150	Oxy-Acetylene Fusion Welding I	1	_____
WEL	152	Brazing and Soldering	<u>1</u>	_____
			14	

NOTES AND INFORMATION

¹ Although this class is recommended, it is not required for graduation from this program and therefore is ineligible for Title IV financial aid funding.

Additional Information: This program prepares students for careers in the heating and air conditioning industry. The curriculum provides theory as well as sufficient laboratory experience to prepare graduates for immediate employment. Students will be trained for competency in installing, operating, troubleshooting, and maintaining all types of environmental control equipment. The graduate will receive a Certificate of Achievement.

All students registered for heating and air conditioning classes will be required to furnish a basic tool set. The basic tool set will be necessary by the beginning of the fifth week of the semester. The set includes the following:

FIRST YEAR – SPRING SEMESTER

Dept.	No.		Hrs.	Grade
HAC	105	Basic Sheet Metal Layout	3	_____
HAC	107	Electrical Controls and Circuitry	3	_____
HAC	122	Heating II	4	_____
HAC	131	Refrigeration & Air Conditioning I	<u>4</u>	_____
			14	

Sockets

- 1/4" Socket Set

Nutdrivers

- Nutdriver ND5 1/4"
- Nutdriver ND7 5/16"

Screwdrivers

- Phillips Stubby Screwdriver
- #2 x 4" Phillips Screwdriver
- Flat Stubby Screwdriver
- 3/16" x 6" Slotted Screwdriver
- 5/16" x 6" Slotted Screwdriver

Pliers

- Sidecutters
- 7 1/2" Longnose Pliers
- Channel Locks

SECOND YEAR – FALL SEMESTER

Dept.	No.		Hrs.	Grade
CMG	107	Construction Document Interpretation	3	_____
HAC	106	Advanced Sheet Metal Layout	2	_____
HAC	132	Refrigeration & Air Conditioning II	4	_____
HAC	140	Weatherization	3	_____
HAC	222	Advanced Heating Systems	3	_____
HAC	240	Installation of HVAC Systems	<u>3</u>	_____
			18	

Wrenches

- 6" Adjustable Wrench
- 8" Adjustable Wrench
- 10" Adjustable Wrench
- 12" Adjustable Wrench
- Hex Wrench Set
- Service Valve Wrench
- Combination Wrench Set 1/4" to 3/4"

Additional Tools

- Wire Strippers
- Clamp-On Amp Meter
- Digital Multimeter (must read D.C. microamps-MA)
- Manifold Gauge Set
- Pocket Thermometer
- Inspection Mirror
- Sling Psychrometer
- Red and Green Tin Snips
- Tinnerns Hammer
- Dividers

Note: Cost varies from different suppliers. Tools may be purchased at Sears, Snap-On, True Value, etc.

Career Opportunities: Technicians, installers or maintenance personnel.

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SECOND YEAR – SPRING SEMESTER (OPTIONAL)

Dept.	No.		Hrs.	Grade
INT	101	Internship ¹ OR PSY 110 College Success and Career Planning ¹	<u>1-3</u>	_____
			1-3	



John A. Logan College

Certificate Toward a Degree in Massage Therapy

Career Curriculum MAS2004
Minimum Hours: 36.5
Major Code: 1.2 513501
Effective Date: Fall 2019

FIRST YEAR – FALL SEMESTER

Dept.	No.		Hrs.	Grade
ORI	100	College 101	1	_____
BIO	105	Human Biology ¹	4	_____
MAS	101	Introduction to Massage Therapy	3	_____
MAS	102	Massage Therapy I	5	_____
MAS	103	Body Anatomy for Massage Therapy	5	_____
			18	

NOTES AND INFORMATION

* Contact Bill Connell at extension 8106 for additional information and registration.

¹ It is strongly recommended that students complete BIO 105 prior to MAS program. Prior credit will not be given if the earned grade is less than a "C."

Students must earn a grade of "C" or better in all MAS classes.

FIRST YEAR – SPRING SEMESTER

Dept.	No.		Hrs.	Grade
MAS	104	Anatomy and Physiology for Massage	5	_____
MAS	105	Massage Therapy II	5	_____
MAS	106	Advanced Massage Therapy	3	_____
MAS	107	Massage Clinic	4	_____
			17	

Career Opportunities: Graduates of the program are qualified to take the National Certification Examination for Therapeutic Massage and Bodywork, which is required for massage therapy licensure in the state of Illinois. Licensed massage therapists have employment opportunities in private practice, pain and rehabilitation clinics, health clubs, spas and salons, hotels, athletic events, and other locations.

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FIRST YEAR – SUMMER SEMESTER

Dept.	No.		Hrs.	Grade
MAS	108	Massage Therapy Clinic Practice	1.5	_____



John A. Logan College

Certificate Toward a Degree in Medical Assistant*

Career Curriculum MDA2006
Minimum Hours: 37
Major Code: 1.2 510801
Effective Date: Fall 2019

FIRST YEAR – SU MMER SEMESTER

Dept.	No.		Hrs.	Grade
BUS	115	Keyboarding ¹	1	_____
NAD	101	Nursing Assistant Training ²	7	_____
			8	

NOTES AND INFORMATION

* All MDA courses must be taken in the sequence stated in the curriculum. Students must maintain a "C" or higher in all courses in order to graduate from the program. Drug screening, immunizations and criminal background checks are required for externships.

FIRST YEAR – FALL SEMESTER

Dept.	No.		Hrs.	Grade
ORI	100	College 101	1	_____
BIO	105	Human Biology ³	4	_____
HIT	217	Medical Terminology	3	_____
MDA	120	Introduction to Medical Assisting	3	_____
MDA	122	Medical Office Procedures	4	_____
MDA	126	Introduction to Electronic Health Records	2	_____
			17	

¹ Proficiency exam is available for BUS 115 for students entering the program with a sound background in keyboarding. See your advisor or the chairperson of the Business Department for information.

² NAD 101 must be completed by the end of the first semester or prior to application into the Medical Assistant program. Registration with the Illinois Department of Health-Health Care Worker Registry is required for background check purposes only.

³ BIO 205 & BIO 206 may be substituted for BIO 105.

FIRST YEAR – SPRING SEMESTER

Dept.	No.		Hrs.	Grade
MDA	130	Pharmacology	3	_____
MDA	132	Medical Clinic Procedures	4	_____
MDA	133	Medical Office Laboratory Procedures	2	_____
MDA	134	Externship	3	_____
			12	

Career Opportunities: This certificate program is a concentrated program of study in medical assisting designed to train individuals to become multi-skilled professionals in an ambulatory healthcare setting. Medical assistants are allied health professionals who function as a member of a health care delivery team and perform routine, yet essential, administrative and clinical procedures.

Graduates are eligible to sit for the following certification exams:

- National Center for Competency Testing (NCCT)

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Certificate

Toward a Degree in

Nursing-Practical Nursing

5-Semester Part-Time

Career Curriculum 00LPN0061
 Minimum Hours: 35.5
 Major Code: 1.2 513901
 Effective Date: Fall 2019

REQUIRED GENERAL EDUCATION COURSES

Dept.	No.		Hrs.	Grade
ALH	101	Cardiopulmonary Resuscitation ¹	.10	_____
BIO	205	Human Anatomy and Physiology I ²	4	_____
BIO	206	Human Anatomy and Physiology II	4	_____
COM	116	Interpersonal Communication	<u>3</u>	_____
			12	

NOTES AND INFORMATION

*Students must maintain a "C" or higher in all courses.
 Students will be **required** to complete ALH 101 the Fall semester. No student will be exempt from this requirement.

¹ Students must be certified in CPR annually before starting clinical rotation.

² BIO 205 Human Anatomy and Physiology I must be completed by the end of the first semester or prior to program admittance. No prior credit will be given if a grade lower than a "C" was earned. It is strongly recommended that students without a high school or college background in biology take BIO 100 or 101 or 105 prior to BIO 205.

FIRST SEMESTER – SPRING

Dept.	No.		Hrs.	Grade
PNE	098	PN Orientation	.5	_____
PNE	101	Fundamentals of Nursing	3	_____
PNE	102	Nursing Procedures	2	_____
PNE	103	Clinical Nursing	1.5	_____
PNE	161	Pharmacology in Nursing I	<u>2</u>	_____
			9	

Additional Information:

The applicant should contact the Assessment Office at the College and request an admissions packet to the Practical Nursing Program. The steps to be followed are specified in the packet.

The Practical Nursing Program is designed to provide an individual with the knowledge and skills to function as a safe and effective member of the health care team in the role of the practical nurse. Classroom theory, laboratory practice, and clinical experience are included in this three-semester certificate program. This program is accredited by the North Central Association of Colleges and Schools and approved by the Illinois Department of Professional Regulations, and the ICCB. The accreditation and approval of these agencies allow a graduate of the program to do the following:

1. Write the CAT-NCLEX-PN Examination. (This is the licensing examination that a graduate of any nursing program must pass in order to be employed as a practical nurse.)
2. Be employed as a practical nurse in any health care setting of choice, including state and federal institutions.
3. Be employed in any state in the nation.

Some agencies and the military may have additional requirements for employment.

SECOND SEMESTER – SUMMER

Dept.	No.		Hrs.	Grade
PNE	105	Nursing throughout the Life Cycle	1	_____
PNE	193	Pediatric Nursing	<u>1.5</u>	_____
			2.5	

THIRD SEMESTER – FALL

Dept.	No.		Hrs.	Grade
PNE	171	Pharmacology in Nursing II	2	_____
PNE	204	Adult Nursing I	2	_____
PNE	205	Medical/Surgical Clinic I	1.5	_____
PNE	209	I.V. Therapy	<u>.5</u>	_____
			5.5	

In addition to completing a College application, the applicant must be able to do the following: provide proof of graduation from an accredited high school, or possess a G.E.D. certificate; successfully complete the practical nursing pre-entrance examination, including mathematics and communication, ASSET Test or COMPASS Test, and provide proof of sound health to practice nursing.

The selection procedures are listed in the admission packet.
<http://www.jalc.edu/nursing/practical-nursing-program>

The graduate of the John A. Logan College Practical Nursing Program will be able to do the following as delegated by a registered professional nurse or an advanced practice nurse or as directed by a Physician Assistant, Physician or podiatrist and includes:

1. Collecting data and collaborating in the assessment of the health status of a patient.
2. Collaborating in the development and modification of a registered professional or advanced practice nurse's comprehensive nursing plan of care for all types of patients.
3. Implementing aspects of the plan of care as delegated.

FOURTH SEMESTER – SPRING

Dept.	No.		Hrs.	Grade
PNE	183	Maternal and Newborn Health	1.5	_____
PNE	184	Obstetric Clinical	.5	_____
PNE	206	Adult Nursing II	2	_____
PNE	207	Medical/Surgical Clinic II	1.5	_____
PNE	208	Mental Health Nursing	<u>1</u>	_____
			6.5	

-
4. Participating in the health teaching and counseling to promote, attain, and maintain the optimum health level of patients as delegated.
 5. Serving as an advocate for the patient by communicating and collaborating with other health service personnel, as delegated.
 6. Participating in the evaluation of patient responses to interventions
 7. Communicating and collaborating with other health care professionals, as delegated.
 8. Providing input in the development of policies and procedures to support patient safety. (Nurse Practice Act:250 LPN Scope of Practice) 2018

Career Opportunities:

- Medical office practices
- Flu clinics
- Home Health; Private Duty (especially disabled pediatric home bound patients)
- Nursing Homes
- Assisted Living Centers
- Senior Citizen Centers
- Rehabilitation Centers

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Certificate

Toward a Degree in

Nursing-Practical Nursing

5-Semester Part-Time

Career Curriculum 00LPN0061
Minimum Hours: 36
Major Code: 1.2 513901
Effective Date: Summer 2021

REQUIRED GENERAL EDUCATION COURSES

Dept.	No.		Hrs.	Grade
ALH	101	Cardiopulmonary Resuscitation ¹	1.0	_____
BIO	205	Human Anatomy and Physiology I ²	4	_____
BIO	206	Human Anatomy and Physiology II	4	_____
COM	116	Interpersonal Communication	<u>3</u>	_____
			12	

NOTES AND INFORMATION

*Students must maintain a "C" or higher in all courses.
Students will be **required** to complete ALH 101 the Fall semester. No student will be exempt from this requirement.

¹ Students must be certified in CPR annually before starting clinical rotation.

² BIO 205 Human Anatomy and Physiology I must be completed by the end of the first semester or prior to program admittance. No prior credit will be given if a grade lower than a "C" was earned. It is strongly recommended that students without a high school or college background in biology take BIO 100 or 101 or 105 prior to BIO 205.

FIRST SEMESTER – SPRING

Dept.	No.		Hrs.	Grade
ORI	111	PN Orientation	.5	_____
PNE	101	Fundamentals of Nursing	3	_____
PNE	102	Nursing Procedures	2	_____
PNE	103	Clinical Nursing	1.5	_____
PNE	161	Pharmacology in Nursing I	<u>2</u>	_____
			9	

Additional Information:

The applicant should contact the Assessment Office at the College and request an admissions packet to the Practical Nursing Program. The steps to be followed are specified in the packet.

The Practical Nursing Program is designed to provide an individual with the knowledge and skills to function as a safe and effective member of the health care team in the role of the practical nurse. Classroom theory, laboratory practice, and clinical experience are included in this three-semester certificate program. This program is accredited by the North Central Association of Colleges and Schools and approved by the Illinois Department of Professional Regulations, and the ICCB. The accreditation and approval of these agencies allow a graduate of the program to do the following:

1. Write the CAT-NCLEX-PN Examination. (This is the licensing examination that a graduate of any nursing program must pass in order to be employed as a practical nurse.)
2. Be employed as a practical nurse in any health care setting of choice, including state and federal institutions.
3. Be employed in any state in the nation.

Some agencies and the military may have additional requirements for employment.

SECOND SEMESTER – SUMMER

Dept.	No.		Hrs.	Grade
PNE	105	Nursing throughout the Life Cycle	1	_____
PNE	193	Pediatric Nursing	<u>1.5</u>	_____
			2.5	

THIRD SEMESTER – FALL

Dept.	No.		Hrs.	Grade
PNE	171	Pharmacology in Nursing II	2	_____
PNE	204	Adult Nursing I	2	_____
PNE	205	Medical/Surgical Clinic I	1.5	_____
PNE	209	I.V. Therapy	<u>.5</u>	_____
			6.0	

In addition to completing a College application, the applicant must be able to do the following: provide proof of graduation from an accredited high school, or possess a G.E.D. certificate; successfully complete the practical nursing pre-entrance examination, including mathematics and communication, ASSET Test or COMPASS Test, and provide proof of sound health to practice nursing.

The selection procedures are listed in the admission packet.
<http://www.jalc.edu/nursing/practical-nursing-program>

The graduate of the John A. Logan College Practical Nursing Program will be able to do the following as delegated by a registered professional nurse or an advanced practice nurse or as directed by a Physician Assistant, Physician or podiatrist and includes:

1. Collecting data and collaborating in the assessment of the health status of a patient.
2. Collaborating in the development and modification of a registered professional or advanced practice nurse's comprehensive nursing plan of care for all types of patients.
3. Implementing aspects of the plan of care as delegated.

FOURTH SEMESTER – SPRING

Dept.	No.		Hrs.	Grade
PNE	183	Maternal and Newborn Health	1.5	_____
PNE	184	Obstetric Clinical	.5	_____
PNE	206	Adult Nursing II	2	_____
PNE	207	Medical/Surgical Clinic II	1.5	_____
PNE	208	Mental Health Nursing	<u>1</u>	_____
			6.5	

-
4. Participating in the health teaching and counseling to promote, attain, and maintain the optimum health level of patients as delegated.
 5. Serving as an advocate for the patient by communicating and collaborating with other health service personnel, as delegated.
 6. Participating in the evaluation of patient responses to interventions
 7. Communicating and collaborating with other health care professionals, as delegated.
 8. Providing input in the development of policies and procedures to support patient safety. (Nurse Practice Act:250 LPN Scope of Practice) 2018

Career Opportunities:

- Medical office practices
- Flu clinics
- Home Health; Private Duty (especially disabled pediatric home bound patients)
- Nursing Homes
- Assisted Living Centers
- Senior Citizen Centers
- Rehabilitation Centers

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John A. Logan College

Certificate Toward a Degree in Nursing-Practical Nursing

Career Curriculum 00LPN0061
Minimum Hours: 35.5-36
Major Code: 1.2 513901
Effective Date: Summer 2021

FIRST SEMESTER-SUMMER

Dept.	No.	Hrs.	Grade
ORI	111 PN Orientation	.5	_____

SECOND SEMESTER – FALL

Dept.	No.	Hrs.	Grade
ALH	101 Cardiopulmonary Resuscitation or ALH 102 CPR Recertification ¹	.5-1.0	_____
BIO	205 Anatomy & Physiology I ²	4	_____
PNE	101 Fundamentals of Nursing	3	_____
PNE	102 Nursing Procedures	2	_____
PNE	103 Clinical Nursing	1.5	_____
PNE	105 Nursing throughout the Life Cycle	1	_____
PNE	161 Pharmacology in Nursing I	2	_____
PNE	208 Mental Health Nursing	1	_____
PNE	209 I.V. Therapy	.5	_____
COM	116 Interpersonal Communication	<u>3</u>	_____
-		18.5-19	

THIRD SEMESTER – SPRING

Dept.	No.	Hrs.	Grade
BIO	206 Anatomy & Physiology II	4	_____
PNE	171 Pharmacology in Nursing II	2	_____
PNE	183 Maternal and Newborn Health	1.5	_____
PNE	184 Obstetric Clinical	.5	_____
PNE	193 Pediatric Nursing	1.5	_____
PNE	204 Adult Nursing I	2	_____
PNE	205 Medical/Surgical Clinic I	1.5	_____
PNE	206 Adult Nursing II	2	_____
PNE	207 Medical/Surgical Clinic II	<u>1.5</u>	_____
-		16.5	

NOTES AND INFORMATION

*Students must maintain a "C" or higher in all courses. Students will be **required** to complete ALH 101 the Fall semester. No student will be exempt from this requirement.

¹ Students must be certified in CPR annually before starting clinical rotation.

² BIO 205 Human Anatomy and Physiology I must be completed by the end of the first semester or prior to program admittance. No prior credit will be given if a grade lower than a "C" was earned. It is strongly recommended that students without a high school or college background in biology take BIO 100 or 101 or 105 prior to BIO 205.

Additional Information:

The applicant should contact the Assessment Office at the College and request an admissions packet to the Practical Nursing Program. The steps to be followed are specified in the packet.

The Practical Nursing Program is designed to provide an individual with the knowledge and skills to function as a safe and effective member of the health care team in the role of the practical nurse. Classroom theory, laboratory practice, and clinical experience are included in this three-semester certificate program. This program is accredited by the North Central Association of Colleges and Schools and approved by the Illinois Department of Professional Regulations, and the ICCB. The accreditation and approval of these agencies allow a graduate of the program to do the following:

1. Write the CAT-NCLEX-PN Examination. (This is the licensing examination that a graduate of any nursing program must pass in order to be employed as a practical nurse.)
2. Be employed as a practical nurse in any health care setting of choice, including state and federal institutions.
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Some agencies and the military may have additional requirements for employment.

In addition to completing a College application, the applicant must be able to do the following: provide proof of graduation from an accredited high school, or possess a G.E.D. certificate; successfully complete the practical nursing pre-entrance examination, including mathematics and communication, ASSET Test or COMPASS Test, and provide proof of sound health to practice nursing.

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2. Collaborating in the development and modification of a registered professional or advanced practice nurse's comprehensive nursing plan of care for all types of patients.
3. Implementing aspects of the plan of care as delegated.

-
4. Participating in the health teaching and counseling to promote, attain, and maintain the optimum health level of patients as delegated.
 5. Serving as an advocate for the patient by communicating and collaborating with other health service personnel, as delegated.
 6. Participating in the evaluation of patient responses to interventions
 7. Communicating and collaborating with other health care professionals, as delegated.
 8. Providing input in the development of policies and procedures to support patient safety. (Nurse Practice Act:250 LPN Scope of Practice) 2018

Career Opportunities:

- Medical office practices
- Flu clinics
- Home Health; Private Duty (especially disabled pediatric home bound patients)
- Nursing Homes
- Assisted Living Centers
- Senior Citizen Centers
- Rehabilitation Centers

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John A. Logan College

Certificate Toward a Degree in Nursing-Practical Nursing

Career Curriculum 00LPN0061
Minimum Hours: 35.5-36
Major Code: 1.2 513901
Effective Date: Fall 2019

FIRST SEMESTER-SUMMER

Dept.	No.	Hrs.	Grade
PNE	098 PN Orientation	.5	_____

SECOND SEMESTER – FALL

Dept.	No.	Hrs.	Grade
ALH	101 Cardiopulmonary Resuscitation or ALH 102 CPR Recertification ¹	.5-1.0	_____
BIO	205 Anatomy & Physiology I ²	4	_____
PNE	101 Fundamentals of Nursing	3	_____
PNE	102 Nursing Procedures	2	_____
PNE	103 Clinical Nursing	1.5	_____
PNE	105 Nursing throughout the Life Cycle	1	_____
PNE	161 Pharmacology in Nursing I	2	_____
PNE	208 Mental Health Nursing	1	_____
PNE	209 I.V. Therapy	.5	_____
COM	116 Interpersonal Communication	<u>3</u>	_____
-		18.5-19	

THIRD SEMESTER – SPRING

Dept.	No.	Hrs.	Grade
BIO	206 Anatomy & Physiology II	4	_____
PNE	171 Pharmacology in Nursing II	2	_____
PNE	183 Maternal and Newborn Health	1.5	_____
PNE	184 Obstetric Clinical	.5	_____
PNE	193 Pediatric Nursing	1.5	_____
PNE	204 Adult Nursing I	2	_____
PNE	205 Medical/Surgical Clinic I	1.5	_____
PNE	206 Adult Nursing II	2	_____
PNE	207 Medical/Surgical Clinic II	<u>1.5</u>	_____
-		16.5	

NOTES AND INFORMATION

*Students must maintain a "C" or higher in all courses. Students will be **required** to complete ALH 101 the Fall semester. No student will be exempt from this requirement.

¹ Students must be certified in CPR annually before starting clinical rotation.

² BIO 205 Human Anatomy and Physiology I must be completed by the end of the first semester or prior to program admittance. No prior credit will be given if a grade lower than a "C" was earned. It is strongly recommended that students without a high school or college background in biology take BIO 100 or 101 or 105 prior to BIO 205.

Additional Information:

The applicant should contact the Assessment Office at the College and request an admissions packet to the Practical Nursing Program. The steps to be followed are specified in the packet.

The Practical Nursing Program is designed to provide an individual with the knowledge and skills to function as a safe and effective member of the health care team in the role of the practical nurse. Classroom theory, laboratory practice, and clinical experience are included in this three-semester certificate program. This program is accredited by the North Central Association of Colleges and Schools and approved by the Illinois Department of Professional Regulations, and the ICCB. The accreditation and approval of these agencies allow a graduate of the program to do the following:

1. Write the CAT-NCLEX-PN Examination. (This is the licensing examination that a graduate of any nursing program must pass in order to be employed as a practical nurse.)
2. Be employed as a practical nurse in any health care setting of choice, including state and federal institutions.
3. Be employed in any state in the nation.

Some agencies and the military may have additional requirements for employment.

In addition to completing a College application, the applicant must be able to do the following: provide proof of graduation from an accredited high school, or possess a G.E.D. certificate; successfully complete the practical nursing pre-entrance examination, including mathematics and communication, ASSET Test or COMPASS Test, and provide proof of sound health to practice nursing.

The selection procedures are listed in the admission packet.

<http://www.jalc.edu/nursing/practical-nursing-program>

The graduate of the John A. Logan College Practical Nursing Program will be able to do the following as delegated by a registered professional nurse or an advanced practice nurse or as directed by a Physician Assistant, Physician or podiatrist and includes:

1. Collecting data and collaborating in the assessment of the health status of a patient.
2. Collaborating in the development and modification of a registered professional or advanced practice nurse's comprehensive nursing plan of care for all types of patients.
3. Implementing aspects of the plan of care as delegated.

-
4. Participating in the health teaching and counseling to promote, attain, and maintain the optimum health level of patients as delegated.
 5. Serving as an advocate for the patient by communicating and collaborating with other health service personnel, as delegated.
 6. Participating in the evaluation of patient responses to interventions
 7. Communicating and collaborating with other health care professionals, as delegated.
 8. Providing input in the development of policies and procedures to support patient safety. (Nurse Practice Act:250 LPN Scope of Practice) 2018

Career Opportunities:

- Medical office practices
- Flu clinics
- Home Health; Private Duty (especially disabled pediatric home bound patients)
- Nursing Homes
- Assisted Living Centers
- Senior Citizen Centers
- Rehabilitation Centers

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Certificate

Toward a Degree in

Surgical Technology

Career Curriculum ORT5199
 Minimum Hours: 38
 Major Code: 1.2 510909
 Effective Date: Spring 2014

FIRST SEMESTER - FALL

Dept.	No.		Hrs.	Grade
BIO	206	Human Anatomy and Physiology II ¹	4	_____
STP	121	Introduction to Surgical Technology	3	_____
STP	122	Principles and Practices of Surgical Technology	6	_____
STP	127	Pharmacology for Health Professions	3	_____
			16	

NOTES AND INFORMATION

*Students must maintain a "C" or higher in all STP and general education classes.
 BIO 205 is a prerequisite and must be completed before starting the program.

¹ BIO 206 must be completed by the end of the first semester.
 BIO 226 must be completed by the end of the second semester

² Students must be certified in CPR for Healthcare Providers at the start of the program.

SECOND SEMESTER - SPRING

Dept.	No.		Hrs.	Grade
STP	123	Surgical Procedures I	5	_____
BIO	226	General Microbiology ¹	4	_____
STP	125	Clinical Rotation in Surgical Technology I ²	5	_____
			14	

Additional Information: The Surgical Technology Certificate is a one-year program offered at the community colleges through the Southern Illinois Collegiate Common Market (SICCM) and is a cooperative program with John A. Logan College and Shawnee Community College. This program is designed to provide students with the knowledge, skills, and attitudes necessary to practice as certified surgical technologists. Students successfully completing the program will be fully qualified for jobs as scrub surgical technologists and circulating surgical technologists in hospitals, surgical centers, clinics, and physicians' offices. The program is accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP), by recommendation of the Accreditation Review Committee on Education in Surgical Technology. Graduates of the accredited Surgical Technology program will sit for the National Certifying Exam for Surgical Technologists. The exam will be scheduled at the student's home campus. It is administered by the National Board of Surgical Technology and Surgical Assisting (NBSTSA), which is accredited by the National Commission for Certifying Agencies (NCCA). Successful completion of this exam confers the title of Certified Surgical Technologist (CST). The program is offered off campus in a central laboratory.

THIRD SEMESTER - SUMMER

Dept.	No.		Hrs.	Grade
STP	124	Surgical Procedures II	3	_____
STP	126	Clinical Rotation in Surgical Technology II	5	_____
			8	

Career Opportunities: Assist during surgical operations in hospitals, doctor's offices and outpatient care centers.

The Surgical Technology Program is accredited by:
Commission on Accreditation of Allied Health Education Programs
 25400 U.S. Highway 19 North
 Suite 158
 Clearwater, FL 33763

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John A. Logan College

Certificate Toward a Degree in Surveying Technician

Career Curriculum CMG 2020
Minimum Hours:14
Major Code: 1.2 151102
Effective Date: Fall 2020

FIRST YEAR – FALL SEMESTER

Dept.	No.		Hrs.	Grade
CMG	100	Construction Orientation	1	_____
CMG	104	Building Layout	4	_____
CMG	130	Surveying I	<u>3</u>	_____
			8	

NOTES AND INFORMATION

Fall Only Courses:

CMG 100
CMG 104

Spring Only Courses:

CMG 218

FIRST YEAR – SPRING SEMESTER

Dept.	No.		Hrs.	Grade
CMG	131	Surveying II	3	_____
CMG	218	CAD for Residential Construction	<u>3</u>	_____
			6	

Career Opportunities: Certified Surveying Technician

John A. Logan College reserves the right to modify this curriculum guide as needed. Please verify with your academic advisor the accuracy and time lines of this document.

The Surveying Technician Certificate Program (CMG2020) is an ICCB approved extension of the Construction Management Technology Associate in Applied Science Degree (CMG0033)



John A. Logan College

Certificate Toward a Degree in Information System Technician

Career Curriculum ELT0106
Minimum Hours:15
Major Code: 1.2 470104
Effective Date: Fall 2020

Dept.	No.		Hrs.	Grade
ELT	111	Digital Electronics I	3	_____
ELT	210	A+ Preparation Essentials	3	_____
ELT	214	A+ Preparation IT Technician	3	_____
ELT	218	Introduction to Network Technologies	3	_____
MAT	113	OR MAT 112-Intro to Contemporary Math	<u>3</u>	_____
			15	

NOTES AND INFORMATION

The Information System Technician Certificate Program (ELT 0106) is an ICCB approved extension of the Computer Support and Networking AAS Degree (00ELT3015).

Career Opportunities: computer hardware engineer, computer technician, computer support specialists, network/computer support administrator, network installer.

John A. Logan College reserves the right to modify this curriculum guide as needed. Please verify with your academic advisor the accuracy and time lines of this document.



Certificate
Toward a Degree in
Advanced SMAW
(Stick)Welding Technology

Career Curriculum 00WEL0060
Minimum Hours: 14
Major Code: 1.2 480
Effective Date: Fall 2021

FIRST YEAR – FALL SEMESTER

Dept.	No.		Hrs.	Grade
IND	201	Metallurgy	2	_____
MAC	180	Blueprint Reading	3	_____
WEL	153	Oxy-Acetylene Cutting	1	_____
WEL	154	Arc Welding I	2	_____
WEL	155	Arc Welding II	2	_____
WEL	156	Arc Welding III	1	_____
WEL	157	Arc Welding IV	1	_____
WEL	200	Welding Theory	2	_____
			14	

NOTES AND INFORMATION

Career Opportunities: Upon successful completion of the Welding Technology Certificate, the student will have the opportunity to enter the workforce as a welding technician. The program will prepare graduates for entry into union trades positions including boilermakers, plumbers & pipefitters, structural steel workers, rail car repair and general maintenance; small and medium job shops.

John A. Logan College reserves the right to modify this curriculum guide as needed. Please verify with your academic advisor the accuracy and time lines of this document.

The Advanced SMAW (Stick) Welding Certificate Program (WEL 63) is an ICCB approved extension of the Welding Technology Associate in Applied Science Degree (WEL 2010)





John A. Logan College

Certificate in Paint and Metal Technician

Career Curriculum AUT0115
Minimum Hours: 18
Major Code: 1.2 470603K
Effective Date: Spring 2012

Dept.	No.		Hrs.	Grade
ACT	190	Auto Body Repair I	2	_____
ACT	191	Metal Finishing and Painting	2	_____
ACT	192	Frame and Body Alignment	2	_____
ACT	193	Advanced Auto Body Repair	1	_____
ACT	194	Body Shop Management	1	_____
ACT	196	Auto Body Lab	5	_____
ACT	197	Auto Body Repair and Paint Lab II	5	_____
			18	

NOTES AND INFORMATION

The Paint & Metal Technician Certificate Program (AUT 0115) is an ICCB approved extension of the Auto Collision Technology Certificate Program (AUT 0014).

Career Opportunities: Auto Body Painter, Painter's Helper, Paint Prepper, Auto Body Shop Receptionist, Entry-Level Metal Fabricator, Collision Technician

John A. Logan College reserves the right to modify this curriculum guide as needed. Please verify with your academic advisor the accuracy and time lines of this document.



John A. Logan College

Certificate Toward a Degree in Basic GMAW (MIG)Welding Technology

Career Curriculum 00WEL0060
Minimum Hours: 14
Major Code: 1.2 480
Effective Date: Fall 2020

FIRST YEAR – FALL SEMESTER

Dept.	No.		Hrs.	Grade
IND	201	Metallurgy	2	_____
MAC	180	Blueprint Reading	3	_____
WEL	153	Oxy-Acetylene Cutting	1	_____
WEL	160	MIG Welding	2	_____
WEL	161	Core Wire Welding	2	_____
WEL	196	MIG Aluminum	1	_____
WEL	197	MIG Stainless Steel	1	_____
WEL	200	Welding Theory	2	_____
			14	

NOTES AND INFORMATION

Career Opportunities: Upon successful completion of the Welding Technology Certificate, the student will have the opportunity to enter the workforce as a welding technician. The program will prepare graduates for entry into union trades positions including boilermakers, plumbers & pipefitters, structural steel workers, rail car repair and general maintenance; small and medium job shops.

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The Advanced GMAW (MIG) Welding Certificate Program (WEL 62) is an ICCB approved extension of the Welding Technology Associate in Applied Science Degree (WEL 2010)





John A. Logan College

Certificate Toward a Degree in Basic GTAW (TIG)Welding Technology

Career Curriculum 00WEL0060
Minimum Hours: 11
Major Code: 1.2 480
Effective Date: Fall 2020

FIRST YEAR – FALL SEMESTER

Dept.	No.		Hrs.	Grade
IND	201	Metallurgy	2	_____
MAC	180	Blueprint Reading	3	_____
WEL	153	Oxy-Acetylene Cutting	1	_____
WEL	162	TIG Welding	1	_____
WEL	198	TIG Aluminum Welding	1	_____
WEL	199	TIG Stainless Steel	1	_____
WEL	200	Welding Theory	2	_____
			11	

NOTES AND INFORMATION

Career Opportunities: Upon successful completion of the Welding Technology Certificate, the student will have the opportunity to enter the workforce as a welding technician. The program will prepare graduates for entry into union trades positions including boilermakers, plumbers & pipefitters, structural steel workers, rail car repair and general maintenance; small and medium job shops.

John A. Logan College reserves the right to modify this curriculum guide as needed. Please verify with your academic advisor the accuracy and time lines of this document.

The Basic GTAW (TIG) Welding Certificate Program (WEL 61) is an ICCB approved extension of the Welding Technology Associate in Applied Science Degree (WEL 2010)





John A. Logan College

Certificate Toward a Degree in Basic SMAW (Stick)Welding Technology

Career Curriculum 00WEL0060
Minimum Hours: 14
Major Code: 1.2 480
Effective Date: Fall 2021

FIRST YEAR – FALL SEMESTER

Dept.	No.		Hrs.	Grade
IND	201	Metallurgy	2	_____
MAC	180	Blueprint Reading	3	_____
WEL	153	Oxy-Acetylene Cutting	1	_____
WEL	154	Arc Welding I	2	_____
WEL	155	Arc Welding II	2	_____
WEL	156	Arc Welding III	1	_____
WEL	157	Arc Welding IV	1	_____
WEL	200	Welding Theory	2	_____
			14	

NOTES AND INFORMATION

Career Opportunities: Upon successful completion of the Welding Technology Certificate, the student will have the opportunity to enter the workforce as a welding technician. The program will prepare graduates for entry into union trades positions including boilermakers, plumbers & pipefitters, structural steel workers, rail car repair and general maintenance; small and medium job shops.

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The Basic SMAW (Stick) Welding Certificate Program (WEL 60) is an ICCB approved extension of the Welding Technology Associate in Applied Science Degree (WEL 2010)





Certificate in Computer Networking

Career Curriculum CIS1206
Minimum Hours: 24
Major Code: 1.2 110202K
Effective Date: Fall 2015

FIRST YEAR – FALL SEMESTER

Dept.	No.		Hrs.	Grade
CIS	200	Network Essentials	3	_____
CIS	206	Managing Network Environments I	3	_____
CIS	230	Operating Systems	3	_____
ELT	214	A+ Preparation IT Technician	3	_____
			<u>12</u>	

NOTES AND INFORMATION

<u>Fall Only Courses:</u>	<u>Spring Only Courses:</u>
CIS 200	ELT 210
CIS 206	ELT 218
ELT 214	CIS 208
	CIS 120

FIRST YEAR – SPRING SEMESTER

Dept.	No.		Hrs.	Grade
CIS	120	Database Management	3	_____
CIS	208	Security Awareness	3	_____
ELT	210	A+ Preparation Essentials	3	_____
ELT	218	Introduction to Networking Technologies	3	_____
			<u>12</u>	

Upon completion, students can sit for the following standard exams: CompTia A+, Net+, Security+.

The Computer Networking Certificate Program (CIS 1206) is an ICCB approved extension of the Computer Information Systems AS Degree (CIS 0400).

Career Opportunities: Upon successful completion of this certificate, the student will be prepared to design, repair, and maintain a computer system as well as troubleshoot and administer a network.

John A. Logan College reserves the right to modify this curriculum guide as needed. Please verify with your academic advisor the accuracy and time lines of this document.



Certificate in Cosmetology Teacher Program

Career Curriculum 00COS0057
Minimum Hours:13
Major Code: 1.2 120413Q
Effective Date: Fall 2011

SEMESTER HOURS

Dept.	No.	
COS	250	Instructional Strategies ¹
COS	251	Cosmetology Teacher Program ¹

Hrs.	Grade
5	_____
8	_____
13	

NOTES AND INFORMATION

*Prerequisite: Illinois Cosmetology License.

¹ Courses are taught on an independent basis and can be taken in either the fall, spring or summer semester.

The Cosmetology Teacher Program Certificate (00COS0057) is an ICCB approved extension of the Cosmetology Certificate Program (00COS0056).

Career Opportunities: Cosmetology teacher in the state of Illinois with the opportunity for reciprocity in other states in equal agreement.

John A. Logan College reserves the right to modify this curriculum guide as needed. Please verify with your academic advisor the accuracy and time lines of this document.



John A. Logan College

Certificate in Customer Service

Career Curriculum 00BUS0021
Minimum Hours:24
Major Code: 1.2 520411K
Effective Date: Fall 2015

FALL SEMESTER

Dept.	No.		Hrs.	Grade
BUS	116	Keyboarding I ¹	3	_____
BUS	135	Office Language Skills	3	_____
BUS	255	Customer Service	3	_____
CIS	101	Introduction to Computers OR CIS 207 Computer Applications	<u>3</u> 12	_____

NOTES AND INFORMATION

Fall Only Courses Spring Only Courses

BUS 255 MGT 112

¹ Proficiency exams are available for BUS 116 (requiring a production test as well as 40 wpm with no more than three errors on a three-minute straight-copy timing) and BUS 117 (requiring 55 wpm with no more than three errors on a three-minute straight-copy timing) for students entering the program with a sound background in keyboarding. See your advisor or the chairperson of the Business Department for information.

SPRING SEMESTER

Dept.	No.		Hrs.	Grade
ACC	100	Business Accounting OR ACC 200 Financial Accounting I	3	_____
BUS	235	Business Communication	3	_____
MGT	112	Principles of Management	3	_____
COM	115	Speech OR COM 116 Interpersonal Communication	<u>3</u> 12	_____

The Customer Service Certificate Program (00BUS0021) is an ICCB approved extension of the Administrative Assistant AAS Degree (00BUS0009).

Career Opportunities: Students successfully completing this program will receive a Certificate of Achievement. This one-year curriculum provides students with the training required to fill support services positions such as a customer service representative or associate in any type of business or other organization.

John A. Logan College reserves the right to modify this curriculum guide as needed. Please verify with your academic advisor the accuracy and time lines of this document.



Certificate Toward a Degree in Director's Credential

Career Curriculum 00CHC0018
Minimum Hours:8
Major Code: 1.2 190709
Effective Date: Spring 2011

Dept.	No.	
ECE	279	Management Internship ¹
ECE	280	Professional Development

Hrs.	Grade
4	_____
$\frac{4}{8}$	_____
8	

NOTES AND INFORMATION

* Prerequisite: A.A.S. in Early Childhood Education

¹ One year of full-time early childhood education management experience in a licensed center will waive this course.

The Early Childhood Education Director's Credentials Certificate Program (00CHC0018) is an ICCB approved extension of the Early Childhood Education AAS Degree (ECE 0005).

Additional Information: John A. Logan College Early Childhood Education Program is approved by the Illinois Network of Child Care Resources & Referral Agencies (INCCRRA) as an Illinois Director Credential Entitled Institution. John A. Logan College works directly with Gateways to Opportunity, a branch of INCCRRA to award this credential. As an entitled Illinois Director Credential (IDC) institution, John A. Logan College Early Childhood Education Program will verify the attainment of the IDC requirements and submit recommendation to the statewide Professional Development Advisory Council (PDAC) for review and confirmation. Upon the approval of PDAC, the IDC will be awarded. Core knowledge and skills will be validated in 5 areas:

1. General Education
2. Early Childhood/School-age Knowledge
3. Management Knowledge & Skills
4. Management & Teaching Experience
5. Professional Contributions to the Field

Students interested in the Illinois Director Credential should see the Early Childhood Education academic advisor. Students can complete the requirements for the IDC by:

1. First completing the AAS Degree in Early Childhood Education;
2. Completing the child care Management Internship (ECE 279); and
3. Completing 2 professional development activities (ECE 280).

The Illinois Director Credential prepares students to work more effectively as child care advocates and administrators in early childhood programs. The attainment of the IDC is one to be proud of. It serves as a symbol of individual achievement and demonstration of leadership and commitment beyond the scope of daily routine management through professional contributions to the field. The IDC is a tool to promote high standards of excellence, professionalism among staff, and quality care and education of children enrolled in early childhood programs. For more information about the IDC credential, call 1-888-548-8080 or visit Gateways to Opportunity website @ www.ilgateways.com.

Career Opportunities: Assistant director, director, supervisor, coordinator, or child care advocate in child care center or other early childhood programs, organizations or social services for children and their families.

John A. Logan College reserves the right to modify this curriculum guide as needed. Please verify with your academic advisor the accuracy and time lines of this document.



Certificate

Toward a Degree in

Home Performance Specialist

Career Curriculum HAC2016
 Minimum Hours:25
 Major Code:151701
 Effective Date: Fall 2018

FIRST YEAR – FALL SEMESTER

Dept.	No.		Hrs.	Grade
CMG	100	Construction Orientation	1	_____
CMG	110	Wood Frame Construction	4	_____
HAC	102	Residential Electrical Wiring	4	_____
HAC	140	Weatherization	<u>3</u>	_____
			12	

NOTES AND INFORMATION

<u>Fall Only Courses</u>		<u>Spring Only Courses</u>	
CMG	100	HAC	131
CMG	110	HAC	224
HAC	102	CMG	215
HAC	140		

FIRST YEAR – SPRING SEMESTER

Dept.	No.		Hrs.	Grade
CMG	107	Construction Document Interpretation	3	_____
CMG	215	Green Building in the 21 st Century	3	_____
HAC	131	Refrigeration I	4	_____
HAC	224	Geothermal Systems	<u>3</u>	_____
			13	

Career Opportunities: Energy Auditor, Home Performance Coordinator, Energy Consultant, Installation of Home Performance products (ERV's, Insulation services, and HRV systems), Sales Consultant, Building Inspector

John A. Logan College reserves the right to modify this curriculum guide as needed. Please verify with your academic advisor the accuracy and time lines of this document.



Certificate

Toward a Degree in

Industrial PLC Systems

Career Curriculum 00ELT3013
 Minimum Hours: 29
 Major Code: 1.2 150303
 Effective Date: Fall 2018

FALL SEMESTER

Dept.	No.		Hrs.	Grade
ELT	102	Basic Electricity and Wiring	4	_____
IDM	210	Hydraulics & Pneumatics	4	_____
MAT	113	Introduction to Contemporary Mathematics OR MAT 112 OR MAT 100 Mathematics for Applied Technologies OR MAT 111 Pre-Calculus OR MAT 120 OR MAT 119 Elementary Statistics	3-5	_____
MFT	103	Industrial Robots and PLCs	3	_____
			14-16	

NOTES AND INFORMATION

Fall only courses: Spring only courses:

ELT 102	ELT 104
IDM 210	ELT 150
MFT 103	ELT 224
	MFT 201

The Industrial PLC Systems Certificate Program (00ELT3013) is an ICCB approved extension of the Industrial Maintenance Engineering AAS Degree (00ELT3012) which is the parent to:

- PLC Technician Certificate (ELT 2006)

SPRING SEMESTER

Dept.	No.		Hrs.	Grade
ELT	103	Applied DC/AC Circuits	4	_____
ELT	104	Introduction to VFDs	2	_____
ELT	150	Applied Solid State Electronics	3	_____
ELT	224	Power Distribution and Motors	3	_____
MFT	201	PLC Manufacturing Systems	3	_____
			15	

Career Opportunities: Entry-level PLC maintenance and PLC System Programmer.

John A. Logan College reserves the right to modify this curriculum guide as needed. Please verify with your academic advisor the accuracy and time lines of this document.



John A. Logan College

Certificate Toward a Degree in Information System Technician

Career Curriculum ELT0106
Minimum Hours:15
Major Code: 1.2 470104Q
Effective Date: Fall 2020

Dept.	No.		Hrs.	Grade
ELT	111	Digital Electronics I	3	_____
ELT	210	A+ Preparation Essentials	3	_____
ELT	214	A+ Preparation IT Technician	3	_____
ELT	218	Introduction to Network Technologies	3	_____
MAT	113	OR MAT 112-Intro to Contemporary Math	<u>3</u>	_____
			15	

NOTES AND INFORMATION

The Information System Technician Certificate Program (ELT 0106) is an ICCB approved extension of the Computer Support and Networking AAS Degree (00ELT3015).

Career Opportunities: computer hardware engineer, computer technician, computer support specialists, network/computer support administrator, network installer.

John A. Logan College reserves the right to modify this curriculum guide as needed. Please verify with your academic advisor the accuracy and time lines of this document.



John A. Logan College

Certificate

Toward a Degree in

Medical Clerk

Career Curriculum 00BUS0017
Minimum Hours: 16
Major Code: 1.2 510716K
Effective Date: Fall 2016

FALL SEMESTER

Dept.	No.		Hrs.	Grade
BUS	116	Keyboarding ¹	3	_____
BUS	135	Office Language Skills	3	_____
HIT	217	Medical Terminology	<u>3</u>	_____
			9	

NOTES AND INFORMATION

Spring Only Courses:

BUS 270

¹ Proficiency exam is available for BUS 116 (requiring a production test as well as 40 wpm with no more than three errors on a three-minute straight-copy timing) for students entering the program with a sound background in keyboarding. See your advisor or the chairperson of the Business Education Department for information.

SPRING SEMESTER

Dept.	No.		Hrs.	Grade
BUS	236	Records Management	1	_____
BUS	270	Medical Office Procedures	3	_____
CIS	101	Introduction to Computers OR CIS 207 Computer Applications	<u>3</u>	_____
			7	

The Medical Clerk Certificate Program (00BUS0017) is an ICCB approved extension of the Medical Administrative Assistant AAS Degree (00BUS0012).

Career Opportunities: Positions as a medical office receptionist, medical file clerk, hospital clerk, medical records clerk, intake clerk, and those formerly known as ward clerks.

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Certificate

Toward a Degree in

Nursing Assistant

Career Curriculum 00NAD0055
Minimum Hours: 7
Major Code: 1.2 513902
Effective Date: Fall 2008

Dept. No.
NAD 101 Nursing Assistant Training

Hrs.
 $\frac{7}{7}$

Grade

NOTES AND INFORMATION

Additional Information: This course is designed for students interested in becoming nursing assistant. Students receive training that will enable them to work in hospitals, long-term care facilities, or other health care facilities. A criminal background check is completed as a part of the program. This program is approved by the Illinois Department of Public Health.

Career Opportunities:

- Acute Care Hospitals
- Nursing Homes Long-term Care
- Rehabilitation Centers
- Assisted Living Centers
- Home Health

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John A. Logan College

Certificate Toward a Degree in Office Assistant

Career Curriculum 00BUS0016
Minimum Hours: 19
Major Code: 1.2 520401K
Effective Date: Fall 2015

FALL SEMESTER

Dept.	No.		Hrs.	Grade
BUS	116	Keyboarding I ¹	3	_____
BUS	135	Office Language Skills	3	_____
CIS	101	Introduction to Computers OR CIS 207 Computer Applications for Business	<u>3</u> 9	_____

NOTES AND INFORMATION

¹ Proficiency exam is available for BUS 116 (requiring a production test as well as 40 wpm with no more than three errors on a three-minute straight-copy timing) for students entering the program with a sound background in keyboarding. See your advisor or the chairperson of the Business Education Department for information.

SPRING SEMESTER

Dept.	No.		Hrs.	Grade
BUS	235	Business Communication	3	_____
BUS	236	Records Management	1	_____
MAT	113	Introduction to Contemporary Mathematics OR BUS 111 Business Mathematics	3	_____
COM	115	Speech OR COM 116 Interpersonal Communication	<u>3</u> 10	_____

The Office Assistant Certificate Program (00BUS0016) is an ICCB approved extension of the Office Supervision and Management AAS degree (00BUS0013)

Career Opportunities: Positions as an office assistant or a general office clerk are available in almost every area of the economy. Those industries employing the largest number include local government, general medical and surgical hospitals, elementary and secondary schools, colleges, universities, professional schools, and employment services.

John A. Logan College reserves the right to modify this curriculum guide as needed. Please verify with your academic advisor the accuracy and time lines of this document.



Certificate

Toward a Degree in

Welding Technology

Career Curriculum 00WEL0060
 Minimum Hours: 27
 Major Code: 1.2 480508T
 Effective Date: Fall 2012

FIRST YEAR – FALL SEMESTER

Dept.	No.		Hrs.	Grade
IND	201	Metallurgy	2	_____
WEL	150	Oxy-Acetylene Fusion Welding I	1	_____
WEL	151	Oxy-Acetylene Fusion Welding II	2	_____
WEL	152	Brazing & Soldering	1	_____
WEL	153	Oxy-Acetylene Cutting	1	_____
WEL	154	Arc Welding I	2	_____
WEL	155	Arc Welding II	2	_____
WEL	156	Arc Welding III	1	_____
WEL	200	Welding Theory	2	_____
			14	

NOTES AND INFORMATION

The Welding Program is accredited by:

American Welding Society
 8669 NW 36 Street
 Suite 130
 Doral, FL 33166

Career Opportunities: Upon successful completion of the Welding Technology Certificate, the student will have the opportunity to enter the workforce as a welding technician. The program will prepare graduates for entry into union trades positions including boilermakers, plumbers & pipefitters, structural steel workers, rail car repair and general maintenance; small and medium job shops.

FIRST YEAR – SPRING SEMESTER

Dept.	No.		Hrs.	Grade
MAC	180	Blueprint Reading	3	_____
WEL	157	Arc Welding IV	1	_____
WEL	158	Arc Welding V	1	_____
WEL	159	Arc Welding	1	_____
WEL	160	M.I.G. Welding	2	_____
WEL	161	Cored Wire Welding	2	_____
WEL	162	T.I.G. Welding	1	_____
WEL	163	Weld Testing & Inspection	2	_____
			13	

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