

Certificate
in
Industrial PLC Systems

FALL SEMESTER

Dept.	No.		Hrs.	Grade
ELT	102	Basic Electricity and Wiring	4	_____
ELT	205	Hydraulics & Pneumatics	3	_____
MAT	115	Applied Mathematics	3	_____
ELT	105	Introduction to Programmable Logic Controllers	<u>3</u>	_____
			13	

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	_____
ELT	201	PLC Manufacturing Systems & Industrial Robotics	<u>3</u>	_____
			15	

NOTES AND INFORMATION

<u>Fall only courses:</u>	<u>Spring only courses:</u>
ELT 205	ELT 103 ELT 224
ELT 105	ELT 104 ELT 201
	ELT 150

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)

Career Opportunities: Entry-level PLC maintenance and PLC System Programmer.

JALC ELT Programs are education members of:



Institute of Electrical and Electronics Engineers
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Piscataway, NJ 08854



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