Certificate
in
Industrial PLC Systems

FALL SEMESTER

Dept.	No.		Hrs.	Grade
ELT	102	Basic Electricity and Wiring	4	_____
IDM	210	Hydraulics & Pneumatics	4	_____
MAT	100	Mathematics for Applied Technologies	3	_____
MFT	103	Industrial Robots and PLCs	3	_____
			14	

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	_____
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NOTES AND INFORMATION

Fall only courses:	Spring only courses:	
IDM 210	ELT 103	ELT 224
MFT 103	ELT 104	MFT 201
	ELT 150	

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

JALC ELT Programs are education members of:

IEEE
Institute of Electrical and Electronics Engineers
445 Hoes Lane
Piscataway, NJ 08854

acm Association for Computing Machinery
Association for Computing Machinery
1601 Broadway, 10th Floor
New York, NY 10019-7434

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