

# **Certificate**

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# **Industrial PLC Systems**

Career Curriculum: 00ELT 3013 Minimum Hours: 29 Major Code: 1.2 150303 Effective Date: Fall 2022

### **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	<u>3</u>	
			14	

#### NOTES AND INFORMATION

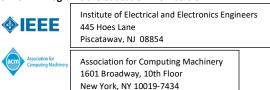
Fall o	nly courses:	Spring only courses:			
IDM	210	ELT	103	<b>ELT 224</b>	
MFT	103	ELT	104	MFT 201	
		ELT	150		

 $\begin{tabular}{ll} \textbf{Career Opportunities:} & \textbf{Entry-level PLC maintenance and PLC System Programmer.} \end{tabular}$ 

#### 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	<u>3</u>	
			15	

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