

PROGRAMMABLE LOGIC CONTROLLERS IN AUTOMATION, CERTIFICATE

The Programmable Logic Controllers (PLCs) in Automation Certificate introduces students to programming and maintenance of various programmable controllers that are used in the automation industry.

For more information about Electro-Mechanical Technology, please visit the program page (<http://www.cod.edu/electro-mech/>).

Certificate Requirements

Field of Study Code: ELMEC.CER.PROLOG

| Code | Title | Credits |
|-----------------------------|--|-----------|
| Program Requirements | | |
| ELMEC 1110 | Motor & Generator Fundamentals | 3 |
| ELMEC 1171 | Introduction to Robotic Technology | 3 |
| ELMEC 1190 | Intro to Programmable Logic Controllers | 3 |
| ELMEC 2410 | Programmable Controller II (PLC II) | 3 |
| ELMEC 2510 | Process and Automation Controls | 3 |
| ELMEC 2520 | Industrial Control and Data Acquisition | 3 |
| ELECT 1100 | Electricity and Electronics Fundamentals | 3 |
| ELECT 1102 | Circuits II | 4 |
| ELECT 2112 | Motor Control and Industrial Wiring | 3 |
| Total Credits | | 28 |
