

PROCESS CONTROL INSTRUMENTATION, CERTIFICATE

The **Process Control Instrumentation certificate** trains the student to inspect, calibrate, troubleshoot and repair various temperature, pressure, flow and level measurement instruments. This certificate requires 21 credits in the courses listed below.

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.PROC

Code	Title	Credits
ELMEC 1110	Motor & Generator Fundamentals	3
ELMEC 1141	Hydraulics and Pneumatics	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
Total Credits		21

This page lists programs related to one another.

- Advanced Mechatronics, Certificate (<https://catalog.cod.edu/programs-study/electro-mechanical-technology/advanced-mechatronics-certificate/>)
- Electrician Apprenticeship, A.A.S. (<https://catalog.cod.edu/programs-study/electro-mechanical-technology/electrician-apprenticeship-aas/>)
- Electrician's Preparation, Certificate (<https://catalog.cod.edu/programs-study/electro-mechanical-technology/electricians-preparation-certificate/>)
- Electro-Mechanical Technology, A.A.S. (<https://catalog.cod.edu/programs-study/electro-mechanical-technology/electro-mechanical-technology-aas/>)
- Integrated Mechatronics and Manufacturing Technology, A.A.S. (<https://catalog.cod.edu/programs-study/integrated-engineering-technology/integrated-mechatronics-manufacturing-aas/>)
- Mechanical Maintenance, Certificate (<https://catalog.cod.edu/programs-study/electro-mechanical-technology/mechanical-maintenance-certificate/>)
- Mechatronics Technology (MET), Certificate (<https://catalog.cod.edu/programs-study/electro-mechanical-technology/mechatronics-technology-met-certificate/>)
- Programmable Logic Controllers in Automation, Certificate (<https://catalog.cod.edu/programs-study/electro-mechanical-technology/programmable-logic-controllers-automation-certificate/>)