

ELECTRICIAN'S PREPARATION, CERTIFICATE

The **Electrician's Preparation certificate** provides knowledge, skills, and competencies to students for work in the area of residential, commercial, and industrial wiring. National Electric Code, residential, commercial and industrial wiring are studied. This certificate does not provide license or certification to perform electrical work and requires 15 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.EPREP

Code	Title	Credits
Program Requirements		
ELMEC 1120	Residential Wiring	3
ELMEC 1140	Commercial and Industrial Wiring	3
ELMEC 1150	National Electrical Code	3
ELECT 1100	Electricity and Electronics Fundamentals	3
Program Electives		
Select one of the following: ¹		3
ELMEC 1110	Motor & Generator Fundamentals	
ELMEC 1130	Industrial Electricity	
Total Credits		15

¹ In addition to the courses listed above.

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/>)
- 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/>)
- Process Control Instrumentation, Certificate (<https://catalog.cod.edu/programs-study/electro-mechanical-technology/process-control-instrumentation-certificate/>)
- Programmable Logic Controllers in Automation, Certificate (<https://catalog.cod.edu/programs-study/electro-mechanical-technology/programmable-logic-controllers-automation-certificate/>)