

# ELECTRICAL TECHNOLOGY

The Electrical Technology Program focuses on preparing students for various entry-level electrical positions in industry and the building trades. The study of electrical theory in the classroom and the practical application of that theory in labs provide the foundation of this program. This program is versatile in offering different tracks within the Associate of Applied Science degree. A variety of certificates and diplomas serve as pathways to the AAS degree tracks or as meeting specific training needs.

Students enrolled in the Electrical Technology program are required to achieve a minimum grade of "C" in the technical core and in those courses selected as technical electives.

## Degrees

- Electrical Technology - AAS (<https://catalog.kctcs.edu/programs-of-study/aas/electrical-technology/electrical-technology-aas/>)
  - Automated Industrial Controls Technician Track (<https://catalog.kctcs.edu/programs-of-study/aas/electrical-technology/electrical-technology-aas/#automatedindustrialcontrolstechniciantrack>)
  - Construction Electrician Track (<https://catalog.kctcs.edu/programs-of-study/aas/electrical-technology/electrical-technology-aas/#constructionelectriciantrack>)
  - Industrial Automation and Process Control Technician Track (<https://catalog.kctcs.edu/programs-of-study/aas/electrical-technology/electrical-technology-aas/#industrialautomationandprocesscontroltechniciantrack>)
  - Industrial Automation and Robotics Technician Track (<https://catalog.kctcs.edu/programs-of-study/aas/electrical-technology/electrical-technology-aas/#industrialautomationandroboticstechniciantrack>)
  - Industrial Electrician Track (<https://catalog.kctcs.edu/programs-of-study/aas/electrical-technology/electrical-technology-aas/#industrialelectriciantrack>)

## Diplomas

- Electrical Technology - Diploma (<https://catalog.kctcs.edu/programs-of-study/aas/electrical-technology/electrical-technology-diploma/>)
  - Automated Industrial Controls Technician Track (<https://catalog.kctcs.edu/programs-of-study/aas/electrical-technology/electrical-technology-diploma/#automatedindustrialcontrolstechniciantrack>)
  - Construction Electrician Track (<https://catalog.kctcs.edu/programs-of-study/aas/electrical-technology/electrical-technology-diploma/#constructionelectriciantrack>)
  - Industrial Automation and Process Control Technician Track (<https://catalog.kctcs.edu/programs-of-study/aas/electrical-technology/electrical-technology-diploma/#industrialautomationandprocesscontroltechniciantrack>)
  - Industrial Automation and Robotics Technician Track (<https://catalog.kctcs.edu/programs-of-study/aas/electrical-technology/electrical-technology-diploma/#industrialautomationandroboticstechniciantrack>)
  - Industrial Electrician Track (<https://catalog.kctcs.edu/programs-of-study/aas/electrical-technology/electrical-technology-diploma/#industrialelectriciantrack>)

## Certificates

- Alternative Energies Level I - Certificate (<https://catalog.kctcs.edu/programs-of-study/aas/electrical-technology/alternative-energies-level-i/>)
- Automated Industrial Controls Technician Level I - Certificate (<https://catalog.kctcs.edu/programs-of-study/aas/electrical-technology/electrical-motor-control-level-certificate/>)
- Automated Industrial Controls Technician Level II - Certificate (<https://catalog.kctcs.edu/programs-of-study/aas/electrical-technology/electrical-motor-control-level-ii-certificate/>)
- Construction Electrician Level I - Certificate (<https://catalog.kctcs.edu/programs-of-study/aas/electrical-technology/residential-electricity-level-certificate/>)
- Construction Electrician Level II - Certificate (<https://catalog.kctcs.edu/programs-of-study/aas/electrical-technology/residential-electricity-level-ii-certificate/>)
- Construction Electrician Level III - Certificate (<https://catalog.kctcs.edu/programs-of-study/aas/electrical-technology/electrical-construction-certificate/>)
- Industrial Automation and Process Control Technician Level I - Certificate (<https://catalog.kctcs.edu/programs-of-study/aas/electrical-technology/industrial-automation-and-process-control-level-i/>)
- Industrial Automation and Process Control Technician Level II - Certificate (<https://catalog.kctcs.edu/programs-of-study/aas/electrical-technology/industrial-automation-and-process-control-technician-level-ii/>)
- Industrial Automation and Robotics Technician Level I - Certificate (<https://catalog.kctcs.edu/programs-of-study/aas/electrical-technology/industrial-automation-and-robotics-technician-level-i/>)
- Industrial Automation and Robotics Technician Level II - Certificate (<https://catalog.kctcs.edu/programs-of-study/aas/electrical-technology/industrial-automation-and-robotics-technician-level-ii/>)
- Industrial Electrician Level I - Certificate (<https://catalog.kctcs.edu/programs-of-study/aas/electrical-technology/electrician-trainee-level-certificate/>)
- Industrial Electrician Level II - Certificate (<https://catalog.kctcs.edu/programs-of-study/aas/electrical-technology/electrician-trainee-level-ii-certificate/>)
- Industrial Networking - Certificate (<https://catalog.kctcs.edu/programs-of-study/aas/electrical-technology/industrial-networking/>)
- Voice and Data Wiring Installer Level I - Certificate (<https://catalog.kctcs.edu/programs-of-study/aas/electrical-technology/voice-data-wiring-installer-level-certificate/>)
- Voice and Data Wiring Installer Level II - Certificate (<https://catalog.kctcs.edu/programs-of-study/aas/electrical-technology/voice-data-wiring-installer-level-ii-certificate/>)
- Voice and Data Wiring Technician - Certificate (<https://catalog.kctcs.edu/programs-of-study/aas/electrical-technology/voice-data-wiring-technician-certificate/>)