

ENGINEERING TECHNOLOGY

Engineering Technology programs prepare students to become engineering technicians. These technicians use the principles and theories of science, engineering and mathematics to solve technical problems in research and development, manufacturing, sales, construction, inspection and maintenance. Many engineering technicians work with engineers as part of an engineering team, translating the engineer's designs into actual products – from building bridges to building construction.

The Engineering, Computer Programming, and Technology Division offers the following Associate in Science degree programs:

- Advanced Manufacturing & Automation Technology (<http://catalog.valenciacollege.edu/degrees/associateinscience/engineeringtechnology/engineeringtechnology/>)
- Computer Aided Drafting and Design (<http://catalog.valenciacollege.edu/degrees/associateinscience/engineeringtechnology/draftinganddesigntechnology/>)
- Construction and Civil Engineering Technology (<http://catalog.valenciacollege.edu/degrees/associateinscience/engineeringtechnology/buildingconstructiontechnology/>)
- Cybersecurity & Network Engineering Technology (<http://catalog.valenciacollege.edu/degrees/associateinscience/engineeringtechnology/networkengineeringtechnology/>)
- Electrical and Computer Engineering Technology
- Energy Management and Controls Technology
- Science, Technology, Engineering and Math