ASSOCIATE DEGREE PROGRAM | TECH - ENGINEERING TECHNOLOGY

ELECTRONICS AND COMPUTER TECHNOLOGY

ABOUT THIS DEGREE PROGRAM

A PROGRAM TO FUEL YOUR FUTURE
DeVry University’s Electronics and Computer Technology associate degree program can prepare you with a firm foundation of digital fundamentals, electronic systems, microprocessors, sensors and instrumentation, semiconductor manufacturing and automation and control systems.

IS THIS PROGRAM FOR YOU?
If you are interested in electronics and computer technology, digital devices and automation, then this might be the right program for you.

CAREER OPPORTUNITIES
Graduates of DeVry University’s Electronics and Computer Technology associate degree program may consider careers including, but not limited to, the following:

- Computer and Office Machine Repair Specialist
- Electrical and Electronics Installer and Repair Specialist
- Field Service Technician
- Customer Service Engineer
- Equipment Installer Technician
- Manufacturing Technician

WHAT YOU’LL LEARN

ESSENTIALS
- Communicate methods and findings
- Collaborate in dynamic work environments
- Solve complex problems
- Analyze numerical data
- Apply appropriate technologies

PROGRAM
- Build and program digital devices and systems
- Install operating system platforms
- Test and measure electronic devices and systems

SPECIALIZED
- Implement automation and control systems to enhance business productivity
- Build and upgrade networked systems
- Secure and maintain network and communication systems

QUICK FACTS

71 CREDIT HOURS
minimum credit hours required for graduation

10% GROWTH
nationally from 2018-2028 for employment of 10% computer support specialists

1+6 YEAR
minimum length to graduation

FLEXIBILITY TO FIT YOUR LIFE
At DeVry University, you have the option of taking your Electronics and Computer Technology coursework online, on-site or a combination of both. Our qualified practitioner faculty teach your classes whether online or on-site, and you can have regular opportunities for collaboration and interaction with classmates.

LEARN FROM THOSE WHO LEAD
Our faculty embody strong academic credentials. Partners in your learning, they walk into the classroom bringing hard-earned knowledge and expertise honed through years of experience in the fields they teach.

1 Not including breaks. Assumes year-round, full-time enrollment. Additional program information may be found at https://www.devry.edu/online-programs.html.
Associate Degree Program
Electronics and Computer Technology

ESSENTIALS

COMMUNICATION SKILLS
ENGL112 Composition
ENGL206 Technical Communication

HUMANITIES
ETHC232 Ethical and Legal Issues in the Professions

SOCIAL SCIENCES
SOCIS185 Culture and Society

MATHEMATICS AND NATURAL SCIENCES
MATH103 Beginning Algebra
PHYS204 Applied Physics with Lab

PERSONAL AND PROFESSIONAL DEVELOPMENT
CARD405 Career Development
COLL148 Critical Thinking and Problem-Solving

PROGRAM

ELECTRICAL AND ELECTRONIC CIRCUITS
ECT122 Electronic Systems I with Lab
ECT125 Electronic Systems II with Lab
ECT246 Electronic Systems III with Lab

DIGITAL AND COMPUTER SYSTEMS
CEIS100 Introduction to Engineering Technology and Information Sciences
CIS115 Logic and Design
CIS206 Architecture and Operating Systems with Lab
ECT114 Digital Fundamentals with Lab
SEC280 Principles of Information Systems Security

SPECIALIZED

INTEGRATED ELECTRONIC SYSTEMS
ECT263 Communications Systems with Lab
ECT284 Automation and Control Systems with Lab

COMPUTER NETWORKS
NETW191 Fundamentals of Information Technology and Networking
NETW211 Fundamentals of Cloud Computing
NETW310 Wired, Optical and Wireless Communication with Lab

10 credit hours for Ohio residents enrolled as online students, and for students enrolled at an Ohio location.
Ohio residents enrolled as online students, and for students enrolled at an Ohio location must take one of the following in lieu of this requirement: BIOS105, ENGL113, ENGL216, MATH114, SCI228.

1 Students enrolled at a New Jersey location take ENGL108 in lieu of this course.
2 Students enrolled at a Nevada location must take POLI332 in lieu of this requirement.