

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:

- Electronics Engineering Technicians
- Electrical Engineering Technicians

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 graduation¹

1 + 6
YEAR MONTHS
minimum length to graduation²

FLEXIBILITY TO FIT YOUR LIFE

**FLEX
2 FIT**

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**

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.

¹66 for students enrolled at a New Jersey location and 72 for Ohio residents enrolled as online students and for students enrolled at an Ohio location.

² Not including breaks. Assumes year-round, full-time enrollment. Additional program information may be found at <https://www.devry.edu/online-programs.html>.

Electronics and Computer Technology

ESSENTIALS

26
CREDIT HOURS

COMMUNICATION SKILLS

ENGL112¹ Composition
SPCH275 Public Speaking

HUMANITIES

ETHC232 Ethical and Legal Issues in the Professions

SOCIAL SCIENCES

SOCS185² Culture and Society

MATHEMATICS AND NATURAL SCIENCES

MATH114 Algebra for College Students
PHYS204 Applied Physics with Lab

PERSONAL AND PROFESSIONAL DEVELOPMENT

CARD205 Career Development
COLL148 Critical Thinking and Problem-Solving

¹Students enrolled at a New Jersey location take ENGL108 in lieu of this course.

²Students enrolled at a Nevada location must take POLI332 in lieu of this requirement.

PROGRAM

22
CREDIT HOURS

TECH CORE

CEIS101 Introduction to Technology and Information Systems
CEIS106 Introduction to Operating Systems
CEIS110 Introduction to Programming
CEIS114 Introduction to Digital Devices
NETW191 Fundamentals of Information Technology & Networking
NETW211 Fundamentals of Cloud Computing
SEC285 Fundamentals of Information Systems Security

CAREER PREPARATION

CEIS299 Career and Technology

SPECIALIZED

23
CREDIT HOURS

AUTOMATION AND ELECTRONIC SYSTEMS

ECT222 Circuit Analysis Fundamentals
ECT225 Electronic Devices and Systems
ECT263 Communications Systems with Lab
ECT284 Automation and Control Systems with Lab
NETW310³ Wired, Optical and Wireless Communication with Lab
SEC310 Principles and Theory of Security Management

³Ohio 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, ENGL135, ENGL216, MATH114, SCI228.

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In New York, DeVry University operates as DeVry College of New York. DeVry University is accredited by The Higher Learning Commission (HLC), <https://www.hlcommission.org>. Keller Graduate School of Management is included in this accreditation. DeVry is certified to operate by the State Council of Higher Education for Virginia. Arlington Campus: 2450 Crystal Dr., Arlington, VA 22202. DeVry University is authorized for operation as a postsecondary educational institution by the Tennessee Higher Education Commission, <https://www.tn.gov/thecc>. Nashville Campus: 301 S. Perimeter Park Dr., Ste. 100, Nashville, TN 37211. Programs, course requirements and availability vary by location. Some courses may be available online only. All students enrolled in site-based programs will be required to take some coursework online and, for some programs and locations, a substantial portion of the program may be required to be completed online. DeVry's academic catalog, available via <https://www.devry.edu/catalogs>, contains the most current and detailed program information, including admission, progression and graduation requirements. Information contained herein is effective as of date of publishing. ©2021 DeVry Educational Development Corp. All rights reserved. Version 6/4/2021