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 graduation[1]

1 + 6
YEAR   MONTHS
minimum length to graduation[2]

FLEX 2 FIT

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

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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.

DeVry University

Electronics and Computer Technology

ESSENTIALS

26 CREDIT HOURS

COMMUNICATION SKILLS

ENGL112[1]   Composition
SPCH275   Public Speaking

HUMANITIES

ETHC232   Ethical and Legal Issues in the Professions

SOCIAL SCIENCES

SOCS185[2]   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

[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.

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
NETW310[3]   Wired, Optical and Wireless Communication with Lab
SEC310   Principles and Theory of Security Management

[3]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, ENGL135, ENGL216, MATH114, SCI228.

DeVry University