Bachelor's Degree Program

ELECTRONICS ENGINEERING TECHNOLOGY[1]

TECHNOLOGY
ENGINEERING TECHNOLOGY

ABOUT THIS DEGREE PROGRAM

TECH CORE

A Foundation in Technology

This program is anchored with Tech Core, curriculum designed to help you build a foundation of interdisciplinary skills you'll need for today's Internet of Things (IoT) economy. You'll learn relevant skills in operating systems, programming, hardware, connectivity and security – giving you a hands-on foundation in engineering technology, information technology and software and information systems.

A Program to Fuel Your Future

Learn about networked and digital systems, acquire hands-on experience in testing and measuring electronic devices, and study automation technology relevant to industrial process, transportation and power grids. An area of focus is not required for this program, so you can choose to enroll with or without a specialization in Renewable Energy.[2]

Is This Program for You?

Interested in how things work? How to build automated solutions? Then this program may be a good fit for you.

CAREER OPPORTUNITIES

Graduates of DeVry's Electronics Engineering Technology degree program may consider, but are not limited to, the following careers:

- Electrical Engineering Technician
- Electronics Engineering Technician

WHAT YOU'LL LEARN

Essentials

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

Tech Core

- Produce, secure, operate and troubleshoot small enterprise networks
- Network, secure and deploy digital devices and sensors into the IoT ecosystem
- Solve technical problems using an algorithmic approach and basic programming and coding methods
- Install and configure operating systems using command-line interface (CLI)

Program

- Install and upgrade networked, computer-controlled systems
- Test and measure electronic systems
- Troubleshoot automation and control systems
- Work with programmable logic controller as they applied to commercial, motor and industrial control

QUICK FACTS

ABET Engineering Technology Accreditation Commission

ACCREDITATION MATTERS

ETAC of ABET promotes technical education excellence by offering programmatic accreditation to Institutions that meet their quality standards. This is a global mark of quality that is valued by employers and professional associations within the field Engineering Technology.

The Electronics Engineering Technology and Engineering Technology – Electronics degree programs are accredited, by location, by The Engineering Technology Accreditation Commission of ABET (ETAC of ABET) www.abet.org.

IoT KIT

PORTABLE IOT KIT

You can simulate the Internet of Things (IoT) experience wherever you are. With our portable IoT Kit, you'll get hands-on experience in how IoT technologies work in the real world. Your kit will include digital devices, sensors and other tools you will use to build relevant IoT systems.

What's your experience with professors?

"A lot of them worked in the field. In electrical engineering and computer engineering they have the knowledge about what they are teaching."

- Kristian R.,
Computer Information Systems student

DeVry University

[1] The online version of this program is Engineering Technology - Electronics
[2] Must declare a specialization by 30 credit hours for associate degree program and 60 credit hours for bachelor's degree program.

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Electronics Engineering Technology

TECHNOLOGY
ENGINEERING TECHNOLOGY

ESSENTIALS

59 CREDIT HOURS

Communication Skills

ENGL112[1]	Composition
ENGL135	Advanced Composition
ENGL216	Technical Writing
SPCH275	Public Speaking

Humanities[2]

LAS432	Technology, Society and Culture
ETHC232	Ethical and Legal Issues in the Professions

Social Sciences

ECON312	Principles of Economics
SOCS185	Culture and Society
SOCS325[3]	Environmental Sociology

Mathematics and Natural Sciences

ECET345	Signals and Systems
MATH114	Algebra for College Students
MATH190	Pre-Calculus
MATH260	Applied Calculus I
MATH270	Applied Calculus II
PHYS204	Applied Physics with Lab

Personal and Professional Development

CARD405	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 Pennsylvania location must take HUMN451 as part of this requirement.
[3] Students enrolled at a Nevada location must take POLI332 in lieu of this requirement.

TECH CORE

21 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
NETW190	Fundamentals of Information Technology and Networking I
NETW200	Fundamentals of Information Technology and Networking II
SEC285	Fundamentals of Information Security

PROGRAM

60 CREDIT HOURS

Not sure if you want to add a specialization in Renewable Energy or choose our Standard Option? You can start this program in "undecided" status and later declare a specialization. A specialization must be declared before you complete 60 credit hours.

DeVry University

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