ASSOCIATE DEGREE PROGRAM | TECH - ENGINEERING TECHNOLOGY

ENGINEERING TECHNOLOGY
Specialization: General Option

ABOUT THIS PROGRAM

IS THIS PROGRAM FOR YOU?
If you are interested in a STEM career field exploring how technology is used to improve processes in a production environment, then this may be the right program for you.

A PROGRAM TO FUEL YOUR FUTURE
Develop a basic understanding of the engineering principles needed to support the maintenance, installation and testing of automated, computer-based and/or distributed systems when you pursue the General Option. This track was designed to provide students the fundamentals while also providing the flexibility to customize your program based on your interest or transfer qualifying credits from prior college or applicable military experience.

CAREER OPPORTUNITIES
Graduates of DeVry’s Engineering Technology associate degree with a General Option specialization may consider, but are not limited to, the following careers:

• Electrical and Electronic Engineering Technologists and Technicians
• Computer Network Support Technician

WHAT YOU’LL LEARN

ESSENTIALS
• Communicate methods and findings
• Collaborate in a dynamic work environment
• Solve complex problems
• Analyze numerical data
• Apply appropriate technologies

TECH CORE
• Produce, secure, operate and troubleshoot a small enterprise network
• Network, secure and deploy digital devices and sensors into the Internet of Things 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
• Design and analyze circuits ensuring proper construction, voltage and currents
• Understand the essential components of control systems designs and how to apply ladder logic to debug or maintain applications

QUICK FACTS

64 CREDIT HOURS
21 COURSES
1 + 4 MONTHS

EMBEDDED PROGRAM
DeVry offers a unique 2-in-1 design that allows our Information Technology (IT) Essentials certificate program to be embedded within the Associate in Engineering Technology degree program, giving you the chance to earn your certificate on the way to your associate degree.

CERTIFICATION EXAM ALIGNED CURRICULUM
Experience elements of our technology curriculum focused on real-world industry standards and prepare for certification opportunities that help validate your knowledge and skills.

• CompTIA A+
• CompTIA Network+
• PCEP Certified Entry-Level Python Programmer

SKILLS FOCUSED

BE AN ACTIVE PART OF AN INCLUSIVE FUTURE
Customize your curriculum by choosing Diversity, Equity and Inclusion (DE&I) course alternates for your Communication Skills, Humanities and Social Science courses. These options highlight relevant topics to help empower you to promote an inclusive workplace.

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 | Tech - Engineering Technology**

**Engineering Technology - General Option**

**ESSENTIALS**

**COMMUNICATION SKILLS**
- ENGL112 Composition

**Select one**
- SPCH275 Public Speaking
- SPCH276 Intercultural Communication

**HUMANITIES**

**Select one**
- ETHC232 Ethical and Legal Issues in the Professions
- ETHC334 Diversity, Equity and Inclusion in the Workplace

**SOCIAL SCIENCES**
- SOCS185 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 This icon indicates Diversity, Equity & Inclusion Courses

**TECH CORE**

**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 and Networking
- NETW211 Fundamentals of Cloud Computing
- SEC285 Fundamentals of Information System Security

**PROGRAM**

**AUTOMATION AND ELECTRONIC SYSTEMS**
- ECT226 Electronic Device and System Foundations
- ECT286 Automation and Controls

**CAREER PREPARATION**
- CEIS299 Careers and Technology

**SPECIALIZED**

**GENERAL OPTION**

Students select applicable 300-level courses from the College of Engineering & Information Sciences and the College of Business & Management provided prerequisites are met.

**Earn a credential at every step.**

**ASSOCIATE**

- 64 CREDIT HOURS

**BACHELOR'S**

- +62 CREDIT HOURS REMAINING
- 126 TOTAL

**HOW DO CREDENTIALS STACK?**

This Associate in Engineering Technology can serve as a steppingstone to our Engineering Technology bachelor’s degree. If you choose to continue on with your education, all credits apply to this credential. Build your confidence – and your resume – when you start your journey at DeVry.*

*The figures displayed represent the minimum credit hours required for graduation. At the time of application to the next credential level, an evaluation of qualifying transfer credit will occur and the most beneficial outcome will be applied.

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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). For more information about accreditation, visit DeVry.edu/accreditation. Program requirements may vary by location. Program availability varies 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 8/31/2021