

ENGINEERING TECHNOLOGY



ABOUT THIS PROGRAM

IS THIS PROGRAM FOR YOU?

Want to pursue a career in working with automated, digital systems? This program may be the right fit for you.

A PROGRAM TO FUEL YOUR FUTURE

Develop a basic understanding of engineering principles and apply your knowledge in the implementation of systems, processes and technical operations. Students have the opportunity to customize their program with electives focused on specific technologies of interest and/or business management coursework aligned to their career interests.

CAREER OPPORTUNITIES

Graduates of DeVry's [Engineering Technology bachelor's degree program](#) may consider, but are not limited to, the following careers:

- Electrical Engineering Technologist
- Engineering Technician I/II
- Manufacturing Engineering Technician
- Entry-level Project Engineer
- Maintenance Tech Engineer

WHAT YOU'LL LEARN

ESSENTIALS

- Communicate methods and findings
- Collaborate in a dynamic work environment
- Solve complex problems
- Analyze numerical data
- Apply appropriate technologies
- Interactive problem solving and data modeling
- Apply technical writing skills to develop
- Explore and apply basic elements of effective documentation relevant to the workplace communication including public speaking

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
- Apply knowledge of industrial processes toward the design and implementation of an integrated industrial IoT system
- Explore basic engineering technology concepts related to communication, problem-solving, design and ethics
- Understand various types of media used to connect computing and digital devices to secure networks
- Explore fundamental concepts of signals and systems as applied to image processing, energy systems, networks, communications and controls
- Analyze a technology based problem, utilize engineering principles to form a solution and apply project management skills to implement those solutions

QUICK FACTS

126
CREDIT HOURS
minimum credit hours
required for graduation

40
COURSES

2 + 8
YEARS MONTHS
minimum length to graduation¹



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 Engineering Technology field.

The Bachelor's in Engineering Technology degree program is accredited by The Engineering Technology Accreditation Commission of ABET (ETAC of ABET) www.abet.org.

3-IN-1

Earn two additional credentials with our unique 3-in-1 design. All courses in our Information Technology (IT) Essentials certificate program and Associate in Engineering Technology degree program are embedded in this program. So, you can earn a certificate and an associate degree on the way to your bachelor's degree at DeVry.

**THREE
IN
ONE**

**SKILLS
FOCUSED**

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+
- CompTIA Security+
- PCEP Certified Entry-Level Python Programmer
- CompTIA ITF+
- CompTIA Cloud+
- CompTIA Linux+
- Autodesk Certified User

**DIVERSITY,
EQUITY &
INCLUSION**

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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.

¹Not including breaks. Assumes year-round, full-time enrollment. Additional program information may be found at <https://www.devry.edu/online-programs.html>.

