**ABOUT THIS PROGRAM**

**IS THIS PROGRAM FOR YOU?**
If you are interested in exploring the technology necessary to produce renewable energy and making sustainable energy universally available, then this might be the right program for you.

**A PROGRAM TO FUEL YOUR FUTURE**
The Renewable Energy and Sustainable Power specialization provides an opportunity for students to explore alternative energy technologies including photovoltaics, solar thermal systems, wind power and more. Students will utilize cloud-based design and analysis tools to perform various power calculations, explore energy infrastructure and resources and identify types of alternative energy sources used globally and in the United States.

**CAREER OPPORTUNITIES**
Graduates of DeVry’s Engineering Technology associate degree program with a specialization in Renewable Energy and Sustainable Power may consider, but are not limited to, the following careers:
- Electrical and Electronic Engineering Technologists and Technicians
- Engineering Technician
- Field Service Assistant
- Field Service Technician
- Renewable Energy Technician
- Solar 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

**SPECIALIZED**
- Examine different renewable energy sources, storage options and assess which are best suited for a particular situation
- Understand common alternate energy sources and how they work
- Study essential power electronic circuitry in energy systems and devices
- Explore power systems and how power is generated, transmitted and delivered to the consumer

**QUICK FACTS**

<table>
<thead>
<tr>
<th>CREDIT HOURS</th>
<th>COURSES</th>
<th>YEAR MONTHS</th>
</tr>
</thead>
<tbody>
<tr>
<td>64</td>
<td>21</td>
<td>1 + 4</td>
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**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+
- CompTIA Security+
- CompTIA Cloud+
- CompTIA Linux+
- PCEP Certified Entry-Level Python Programmer
- PCEP Certified Entry-Level CompTIA A+ Programming

**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.

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1 Not including breaks. Assumes year-round, full-time enrollment. Additional program information may be found at [https://www.devry.edu/online-programs.html](https://www.devry.edu/online-programs.html).
Associate Degree Program | Tech - Engineering Technology
Engineering Technology - Renewable Energy and Sustainable Power

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
SOC185 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

This icon indicates Diversity, Equity & Inclusion Courses

26 CREDIT HOURS

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

21 CREDIT HOURS

PROGRAM

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

CAREER PREPARATION
CEIS299 Careers and Technology

SPECIALIZED

RENEWABLE ENERGY AND SUSTAINABLE POWER
SUST210 Renewable Energy: Science, Technology and Management
Select two
REET302 Introduction to Alternative Energy Technologies
REET322 Power Electronics and Alternative Energy Applications
REET326 Electric Machines and Power Systems

10 CREDIT HOURS

 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 with a specialization in Renewable Energy and Sustainable Power 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). http://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: 1400 Crystal Dr., Ste. 120, Arlington, VA 22202. DeVry University is authorized for operation as a postsecondary educational institution by the Tennessee Higher Education Commission. http://www.tn.gov/thec. 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 on-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 http://www.devry.edu/catalogs, contains the most current and detailed program information, including admission, progression and graduation requirements.

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