PURDUE POLYTECHNIC INSTITUTE

ENGINEERING TECHNOLOGY MAJORS

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These engineering technology majors are offered by Purdue Polytechnic Institute at Purdue University in West Lafayette, Indiana.

AERONAUTICAL ENGINEERING TECHNOLOGY

Design and maintain essential aircraft manufacturing equipment, such as engines, wind tunnels and virtual computer simulators.

» Airframe design engineer
» Integration engineer
» Logistics engineer
» Reliability engineer

AUDIO ENGINEERING TECHNOLOGY

Combine the science of sound, electronics and audio technology to create and manipulate the audio experience in a variety of settings.

» Amplifier designer
» Audio systems engineer
» Audio system consultant
» Imagineer

AUTOMATION AND SYSTEMS INTEGRATION ENGINEERING TECHNOLOGY

Learn how to automate systems using mechanical components, computer-based controllers and environmental sensors.

» Automation engineer
» Manufacturing engineer
» Process engineer
» Quality engineer

COMPUTER ENGINEERING TECHNOLOGY

Devise, integrate and embed the intricate microcomputer processing systems that control the items people use every day.

» Application engineer
» Computer systems designer
» Software engineer
» Test engineer

ELECTRICAL ENGINEERING TECHNOLOGY

Put your knowledge of electricity and electronics into motion to improve everyday items and invent life-changing products.

» Applications engineer
» Controls engineer
» Instrumentation engineer
» Systems engineer

ENERGY ENGINEERING TECHNOLOGY

Design solutions for energy creation and efficient transmission to industrial, commercial and residential customers.

» Building control engineer
» Instrumentation engineer
» Mechanical design engineer
» Power systems engineer

ENGINEERING-TECHNOLOGY TEACHER EDUCATION

Learn how to share your enthusiasm for STEM with the next generation by becoming someone's favorite teacher!

» K-12 technology education teacher
» Corporate trainer
» Instructional coordinator

INDUSTRIAL ENGINEERING TECHNOLOGY

Manage information, supplies and equipment to coordinate operations while directing people to make products or provide services.

» Industrial engineer
» Manufacturing engineer
» Purchasing manager
» Sales engineer

MECHANICAL ENGINEERING TECHNOLOGY

Manage people and production while applying principles of materials, solid and fluid mechanics and energy to create or improve products and processes.

» Mechanical engineer
» Project engineer
» Production engineer
» Quality engineer

MECHATRONICS ENGINEERING TECHNOLOGY

Combine computing controls and sensors with mechanical and electronic systems to create electromechanical products and smart devices.

» Applications engineer
» Engineering consultant
» Industrial engineer
» Product engineer

NETWORK ENGINEERING TECHNOLOGY

Learn to solve high-level networking challenges securely, efficiently and accurately using the best-suited hardware and software options.

» Network engineer
» Network architect
» Systems engineer

ROBOTICS ENGINEERING TECHNOLOGY

Combine your skills in mechanics, electronics, automation, computing and software to design and build robotic systems.

» Robotics automation software engineer
» Robotics designer
» Robotics engineer

SUPPLY CHAIN AND SALES ENGINEERING TECHNOLOGY

Use technology, communication and business analysis to coordinate the timing and manage the logistics of incoming supplies and outgoing products.

» Global logistics analyst
» Industrial engineer
» Production manager
» Quality control engineer

THE ENGINEERING TECHNOLOGY DIFFERENCE

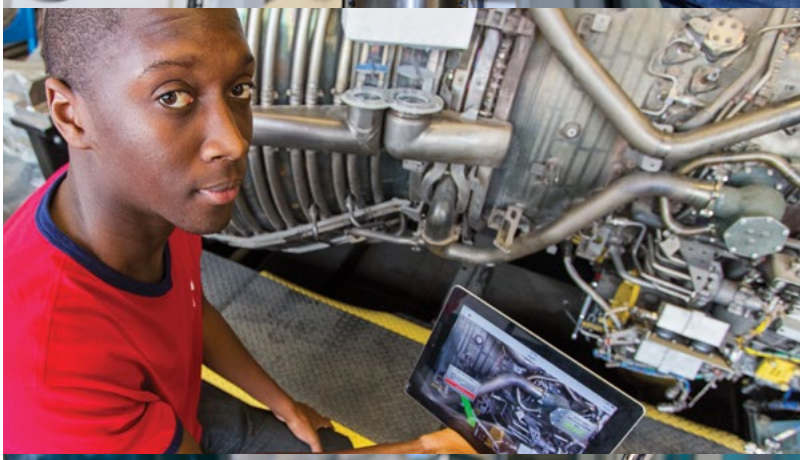
A CAREER IN ENGINEERING CAN BE YOURS, THANKS TO A DEGREE IN ENGINEERING TECHNOLOGY FROM PURDUE POLYTECHNIC.

At Purdue Polytechnic, the *way* you learn is as important as *what* you learn.

- » Focus on applied, theory-based learning.
- » Work with people, technologies, processes and products
- » Manage teams and workflow
- » Improve and implement new technologies
- » Collaborate with a wide range of professionals

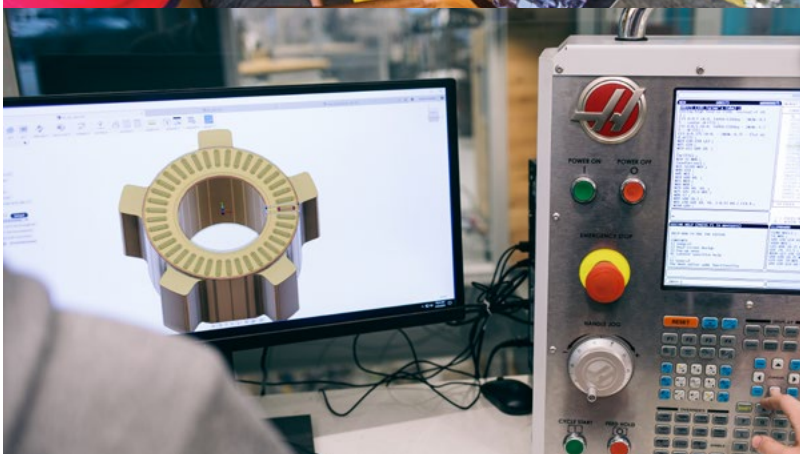
Learn the skills and abilities that prepare you for an engineering career.

- » Class projects emphasize problem-solving and teamwork
- » Presentations polish communication skills
- » Internships provide real-world experiences



Assist with research that has immediate impact by contributing to:

- » Undergraduate research
- » Company-funded senior final capstones
- » Independent projects



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