

CO-OP & CAREER GUIDES

ENGINEERING TECHNOLOGY

The Bachelor of Science in Engineering Technology provides an integrated educational experience directed toward applying fundamental knowledge to solving technological problems in an industrial environment. Students learn principles of science, engineering, and technology and work on multidisciplinary teams to solve problems. This degree is fully accredited by the Accreditation Board for Engineering and Technology. Students can choose among the following concentrations:

Electrical Engineering Technology

This concentration prepares graduates to help design, develop, test and manufacture electrical and electronic equipment such as communication components, radar, industrial and medical devices, navigational equipment and computers.

Employers who have employed Drexel students include:

Animas Corporation
Army Research Laboratory
Arora Engineers
AstraZeneca
Burns Engineering, Inc.
Exelon Corporation
National Institute of Standards &
Technology
Philadelphia Water Department
SOUTHCO, Incorporated
Volvo Powertrain North America

Mechanical Engineering Technology

This concentration prepares students to participate in the design, development, testing and manufacturing of industrial machinery, consumer products and other equipment. Job responsibilities typically include setting up instrumentation, making sketches, recording data and estimating labor costs and equipment life.

Industrial Engineering Technology

This concentration prepares students to encompass service industries. Industrial engineers have the technical training to make improvements in a manufacturing setting and can use these to evaluate and improve productivity and quality in service industries. As companies adopt management philosophies of continuous productivity and quality improvement, the need for industrial engineers is growing.

Biomedical Engineering Technology

This concentration will provide students with the knowledge they need to work in the medical field operating complicated diagnostic and patient care equipment. Specifically, they will be responsible for problem solving, data interpretation, complex troubleshooting, preparation of specifications, scheduling, planning, analysis, project management, and decision making.

Students wanting specific information about the major are encouraged to stop by the department office at 3001 Market Street, Suite 100, call 215-895-2159, or visit their website at goodwin.drexel.edu/et/academic aet.php.

Please refer to the SCDC website (www.drexel.edu/scdc) for our most recent co-op salary information.

JOB TITLES

Composites Engineer Engineering Field Technician
Manufacturing Engineer Product Development Engineer

Electrical Engineer Mechanical Engineer

Materials Engineer Engineering Designer/CAD Technician

Professional Associations & Internet Resources

AE Jobs Engineering Jobs

www.aejob.com/ www.engineerjobs.com/

American Association of Engineering Jobs Site

Engineering Societies <u>www.engineering-job-site.com/</u>

www.aaes.org/

American Society of EEE Job Site Mechanical Engineers careers.ieee.org/

www.asme.org/Jobs/

Engineering Central National Society of Professional Engineers

www.engcen.com www.nspe.org/

CAREER RESOURCES

Mechanical Engineering Career Guide

www.library.drexel.edu/resources/guides/careerguides/?page id=585

Steinbright Career Development Center Pre-Professional Advising (Prelaw, Prehealth)

www.drexel.edu/scdc/careerservices/pre-professional-advising/index.html

Writing Your Resume

www.drexel.edu/scdc/coop/COOP101/materials/writingyourresume.html

Workshop Calendar

www.drexel.edu/scdc/events/workshops/coop-workshops.html

DREXEL DEPARTMENT

Career Services Library
Careers Collection
Hagerty Library

33rd and Market Streets, Room 136

215-895-6843

www.library.drexel.edu/services/refcarers.html

Goodwin College of Professional Studies

3001 Market Street 215-895-2159

goodwin.drexel.edu/sotaps/about.php