

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 design, develop, test and manufacture electrical and electronic equipment such as communication components, radar, industrial and medical devices, navigational equipment and computers.

Mechanical Engineering Technology

This concentration focuses on the design, development, testing, and manufacturing of industrial machinery, consumer and biomedical products, Computer Numerical Control, prototyping machinery, and similar equipment. The concentration includes study in computer graphics, statics, dynamics, stress analysis, fluid dynamics, and Computer Aided Engineering (CAE) tools, including instrumentation and testing procedures of industrial systems.

Industrial Engineering Technology

The industrial engineering technology concentration provides students with the knowledge, skills and experience in automation, logistics, scheduling, simulation, maintainability, and advanced manufacturing necessary to be successful in the service, healthcare, and manufacturing industries. Students coordinate, integrate, and optimize machines, materials, energy, and people to improve efficiency, sustainability, quality, and environment.

Biomedical Engineering Technology

This concentration focuses on the practice of medical equipment operation and support in the clinical environment. A concentration in Biomedical Engineering Technology will provide students with the knowledge needed to work in the medical field operating complicated diagnostic and patient care equipment.

Students wanting specific information about the major are encouraged to stop by the department office at 3141 Chestnut Street, Suite 100, call the department at 215.895.2159, or visit their website at drexel.edu/engtech.

Employers Who Have Hired Drexel Students Include:
Ametek Incorporated CDI Corporation Comcast Consumer Product Safety Commission Exelon Corporation Hill International Parker Hannifin Piasecki Aircraft Corporation Sonoco Unisys Corporation

JOB TITLES

Design Engineer/CAD Technician
Electrical Engineer
Engineering Technician
IT Support Specialist

Mechanical Engineer
Network Infrastructure Analyst
Quality Control Specialist
Systems Administrator

Please refer to drexel.edu/scdc for our most recent co-op salary information.

PROFESSIONAL ASSOCIATIONS & INTERNET RESOURCES

American Association of Engineering Societies
aaes.org

IEEE Job Site
careers.ieee.org

American Society of Mechanical Engineers
asme.org/Jobs

National Society of Black Engineers
nsbe.org

Biomedical Engineering Society
bmes.org

National Society of Professional Engineers
nspe.org

Engineering Jobs
engineerjobs.com

Society of Women Engineers
swe.org

CAREER RESOURCES

Resume, Interviewing and Job Search Best Practices
drexel.edu/scdc/professional-pointers

Workshop Calendar
drexel.edu/scdc/calendars-events/workshops

DREXEL DEPARTMENTS

College of Engineering
One Drexel Plaza
3141 Chestnut Street, Suite 100
drexel.edu/engineering

Career Services Library
Careers Collection
Hagerty Library
33rd and Market Streets, Room 136
www.library.drexel.edu/guides/careers