

Mechanical Engineering

The role of mechanical engineers is rapidly changing. Advances in manufacturing, transportation, infrastructure systems, materials, communications, and high-performance computing have introduced new demands, opportunities, and challenges. Today's industries require mechanical engineers to possess diverse interdisciplinary skills, a global viewpoint, entrepreneurial and managerial abilities, and an understanding of the forces governing the marketplace.

The curriculum is designed to balance technical breadth (provided by a set of fundamental required core courses) with technical depth (provided by optional concentrations that emphasize particular fields within the profession). The program not only prepares its graduates to become successful mechanical engineers needed in industry and government, but also provides an excellent springboard to pursue graduate studies in engineering, medical sciences, law, business, information technology, and any other disciplines in which technological and analytical skills play an important role.

Students wanting specific information about the major are encouraged to visit the department office in Randell Hall, room 115F, call the department at 215.895.1474 or visit their website at mem.drexel.edu.

Employers Who Have Hired Drexel Students Include:
Air Products & Chemicals, Inc. Boeing Corporation CDI Corporation Drexel University Exelon Corporation GE Aviation, Ceramic Composite Products Lockheed Martin NAVSEA Phila. Department of Commerce Philadelphia Housing Authority Siemens SOUTHCO, Incorporated

JOB TITLES

Design Engineer
Facilities Engineer
Manufacturing Engineer
Nuclear Engineer
Process Control Engineer

Research Associate
Transportation Engineer
Quality Assurance Engineer
Power Engineer
Product Development Engineer

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

Society of Women Engineers
swe.org

**American Society of Mechanical
Engineers**
asme.org

**Society of Hispanic Professional
Engineers**
shpe.org

**Engineers Club of Greater
Philadelphia**
engrclub.org

Mechanical Engineer Jobs
mechanicalengineer.com

National Society of Black Engineers
nsbe.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

**Mechanical Engineering and Mechanics
Department**
Randell Hall, Room 115
215.895.2352
[drexel.edu/coe/resources/current_undergrad/
advising/undergraduateadvisingcenter](http://drexel.edu/coe/resources/current_undergrad/advising/undergraduateadvisingcenter)

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