



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 interested in specific information about the major are encouraged to visit the department office in Randell Hall, Room 115F, call 215.895.1474, or visit drexel.edu/mem.

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
 Philadelphia 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/salaryguide 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

Résumé, 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 115F
215.895.2352
drexel.edu/mem

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