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 Hispanic Professional Engineers
shpe.org

Society of Women Engineers
swe.org

Engineers Club of Greater Philadelphia
engrclub.org

American Society of Mechanical Engineers
asme.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