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.

Employers who have hired Drexel students include:
Acero Precision Ametek Aerospace Products Boeing CDI Corporation General Electric Lindab, Inc. Lockheed Martin Naval Surface Warfare Center Nevada Automotive Testing Center Parker Hannifin STV Inc. Traffic Planning & Design Inc. Volvo

Students wanting specific information about the major are encouraged to visit the department office in Randell Hall, room 115F, call the department at 215-895-2336 or visit their website at www.mem.drexel.edu.

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

Professional Associations & Internet Resources

American Association of Engineering Societies
www.aaes.org/

American Society of Mechanical Engineers
www.asme.org/

Engineers Club of Greater Philadelphia
www.engrclub.org

National Society of Black Engineers
www.national.nsbe.org/

Society of Women Engineers
www.swe.org/

Society of Hispanic Professional Engineers
www.shpe.org

Mechanical Engineer Jobs
www.mechanicalengineer.com

Career Resources

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

Interviewing
www.drexel.edu/scdc/coop/COOP101/materials/interviewing.html

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

Drexel Departments

Career Services Library
Careers Collection
Hagerty Library
33rd and Market Streets, Room 136
215-895-6843
www.library.drexel.edu/services/refcareers.html

Mechanical Engineering and Mechanics Department
Randell Hall, Room 115
215-895-2352
www.drexel.edu/coe/resources/current_undergrad/advising/undergraduateadvisingcenter/