What can I do with my Major?

MECHANICAL ENGINEERING

SAMPLE JOB TITLES

Visit O*Net and conduct an Occupation Quick Search of each job title to learn more about that career path.

Mechanical Engineer
Engineering Teacher, Postsecondary
Mechanical Engineering Technologist
Electro-Mechanical Technician
Mechanical Engineering Technician
Electromechanical Engineering Technologist
Mechanical Drafter
Mechatronics Engineer
Automotive Engineer
Manufacturing/Production Engineer
Power Engineer
Plant Engineer
Design Engineer
Maintenance Engineer
Facilities Engineer
Thermal Engineer
Process Engineer
Consulting Engineer
Product Engineer
Quality Control Engineer
Reliability and Testing Engineers
Systems Engineer
Research Engineer

OVERVIEW OF MAJOR

The study of mechanical engineering encompasses a wide range of activity that includes researching, designing, developing, manufacturing, managing, and controlling engineering systems, subsystems, and their components. More specifically, individuals pursuing the study of mechanical engineering will learn about the use of energy from natural sources and its economical conversion into other useful energy; the design and fabrication of machines processing materials into useful products; and/or the creative planning, development, and operation of systems for using energy resources and machines.

NATURE OF WORK

Mechanical engineering is a creative profession with a heavy emphasis on problem-solving in diverse industries. Areas to which mechanical engineers make substantial contributions include transportation, power generation, energy conversion, machine design, manufacturing and automation, environmental control, and control of engineering systems.

UCONN RESOURCES

Department of Mechanical Engineering
American Society of Mechanical Engineers
Engineering Student Leadership Council
Tau Beta Pi
Society of Hispanic Professional Engineers
National Society of Black Engineers
Women in Math, Science and Engineering
Society of Women Engineers

OTHER RESOURCES

American Society of Mechanical Engineers
Accredidation Board for Engineering and Technology