
ENGINEERING

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ENGR 100 Intro to Engineering Design**3 Credits**

This course is an overview of engineering practices and provides exposure to the engineers working environment. Introduces engineering design, professional ethics, project planning, prototype fabrication, engineering creativity, and overview of engineering disciplines. Student groups carry out a semester-long design project while learning to be a part of an engineering team. Prerequisite:

ENGR 241 Statics**3 Credits**

Static force systems. Topics include resolution and composition of forces, equilibrium of force systems, friction, centroids, moments of inertia, mass moments of inertia, cables, beams, fluid statics, and work. Prerequisite: DR: PHYS 180/MATH 182