

ME - MECHANICAL ENGINEERING

Course Student Learning Outcomes (<https://catalog.tmcc.edu/cslo/me/>)

ME 241 - Statics

Units: 3

Static force systems. Topics include resolution and composition of forces, equilibrium of force systems, friction, centroids, moments of inertia, cables, beams, fluid statics, work. Same as ENGR 241.

Enrollment Requirements: Prerequisites: PHYS 180 and Co or prerequisite: MATH 182.

Term Offered: Spring

ME 242 - Dynamics

Units: 3

The study of kinematics and kinetics of particles and rigid bodies in two and three dimensions; relative motion; work and energy; impulse and momentum.

Enrollment Requirements: Prerequisite: ENGR 241 Corequisite: MATH 283

Term Offered: All Semesters