

Civil Engineering (CE)

CE 270: Applied Mechanics I

The study and analysis of forces, resultants, equilibrium, trusses, frames, machines, centroids, moments of inertia, and friction.

Credits: 3

Prerequisites: PHYS 170 with a grade of C or better and MATH 243 with a grade of C or better or concurrent registration.

CE 271: Applied Mechanics II

The study of dynamics of particles and rigid bodies. Topics include force, acceleration, the impulse-momentum theorem, and the work-energy theorem.

Credits: 3

Prerequisites: CE 270 with a grade of C or better and MATH 244 with a grade of C or better or concurrent registration.