

# CET 215: Statics

This course is an overview of the principles of mechanics-statics whereby the external and the internal forces acting on a body may be analyzed and their effects ascertained. Topics such as coplanar and non-coplanar systems, parallel and non-parallel, and concurrent and non-concurrent forces will be examined. Upon completion, the student will be able to analyze simple to moderately complex structures and to determine the effects of these forces on the members of various systems. CORE

**Credits:** 3

**Theory Hours:** 3

**Prerequisites:**

CET 101

**Program:** Civil Engineering