ENGR 2102: Dynamics

A. COURSE DESCRIPTION

Credits: 3
Lecture Hours/Week: 3
Lab Hours/Week: 0
OJT Hours/Week: *.*
Prerequisites:
This course requires the following prerequisite
   ENGR 2101 - Statics (Number of Years Valid: 5)
Corequisites: None
MnTC Goals: None

This course explores the dynamics of particles and rigid bodies for rectilinear translation, curvilinear motion, rotation, plane motion, and mechanical vibrations. Students will learn how to apply Newtonian physics to relatively simple physical situations as well as principles of work and energy, impulse, and momentum.

B. COURSE EFFECTIVE DATES: 04/29/2024 - Present

C. OUTLINE OF MAJOR CONTENT AREAS

None

D. LEARNING OUTCOMES (General)

None

E. Minnesota Transfer Curriculum Goal Area(s) and Competencies

None

F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

G. SPECIAL INFORMATION

None noted