M E 427: Kinematic Analysis and Synthesis

Lectures introduce the kinematic design of mechanisms such as linkages, cams, gears and gear trains; motion of such mechanisms, their velocities and accelerations are analyzed by graphical, analytical, and computer-aided design methods of synthesis and optimization. Lecture and projects.

4 Credits

**Prerequisites**
- M E 324: Introduction to Mechanical Design

**One-way corequisites**
- Engr 330: Engineering Systems Analysis and Design

**Instruction Type(s)**
- Lecture: Lecture for M E 427

**Subject Areas**
- Mechanical Engineering