

M E 426: Kinematics: Analysis and Synthesis **[Mechanical Engineering](#)**

Introduction to the kinematic design of mechanisms, such as linkages, cams, gears and gear trains. Motion of such mechanisms; analysis of their velocities and accelerations by graphical, analytical, and computer-aided design methods of synthesis and optimization.

3 Credits

Prerequisites

- [M E 324: Introduction to Mechanical Design](#)
- Pre-Requisite: 24 Earned Hours

One-way corequisites

- [Engr 330: Engineering Systems Analysis and Design](#)

Instruction Type(s)

- Lecture: Lecture for M E 426

Subject Areas

- [Mechanical Engineering](#)

