

# M E 427: Kinematic Analysis and Synthesis MECHANICAL ENGINEERING

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

- <u>M E 324: Introduction to Mechanical Design</u>
- Pre-Requisite: 24 Earned Hours

#### **One-way corequisites**

Engr 330: Engineering Systems Analysis and Design

#### Instruction Type(s)

• Lecture: Lecture for M E 427

### **Subject Areas**

Mechanical Engineering

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