# M E 530: Physical Metallurgy

## Mechanical Engineering

Application of chemical and microstructural control for understanding material behavior. Topics include a survey of relevant areas of thermodynamics and kinetics, phase diagrams, diffusions, solidifications, solid state transformations, recovery, recrystallization, and grain growth.

3 Credits

## Prerequisites

- Pre-requisite: Engr 313 or Graduate Standing
- Prerequiste: Junior standing (60 hr).

## Instruction Type(s)

- Lecture: Lecture for M E 530

## Subject Areas

- Mechanical Engineering
- Metallurgical Engineering
- Materials Science