

# 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

### Instruction Type(s)

- Lecture: Lecture for M E 530

### Subject Areas

- [Mechanical Engineering](#)
- [Metallurgical Engineering](#)
- [Materials Science](#)

