

## 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

