

## 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**

- <u>Mechanical Engineering</u>
- <u>Metallurgical Engineering</u>
- <u>Materials Science</u>

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