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

The University of Mississippi is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award certificates and baccalaureate, master's, specialist, and doctoral degrees. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097, call 404-679-4500, or visit online at www.sacscoc.org for questions about the accreditation.