

Engr 523: Engineering Thermal Management Mechanical Engineering

Review of thermodynamics and fluid mechanics, steady-state conduction and convection heat transfer, transient conduction heat transfer - lumped capacitance and semi-infinite methods, boiling and condensation heat transfer, fin and heat sink analysis and optimization, heat pipe and heat exchanger analyses, and advanced thermal management techniques.

3 Credits

Prerequisites

• Prerequisite: Engr 321 and Engr 323 or Graduate Standing

Instruction Type(s)

• Lecture: Lecture for Engr 523

Subject Areas

<u>Mechanical Engineering</u>

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.

