

# 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

- [Mechanical Engineering](#)

