

Engr 585: Mechanics of Composite Materials I

[School of Engineering](#)

Development of constitutive laws governing the hygro-thermo-mechanical response of composite material systems. Micromechanical and macromechanical modeling, laminate theory, definition and comparison of failure criteria. Damage modeling and fatigue studies.

3 Credits

Prerequisites

- Pre-requisite: Engr 312 or Graduate Standing
- Prerequisite: Junior standing (60 hr).

Instruction Type(s)

- Lecture: Lecture for Engr 585

Subject Areas

- [Engineering, General](#)
- [Civil Engineering, General](#)
- [Mechanical Engineering](#)

