

# 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

### Instruction Type(s)

- Lecture: Lecture for Engr 585

### Subject Areas

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

