

## Engr 585: Mechanics of Composite Materials I

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
- <u>Civil Engineering, General</u>
- Mechanical Engineering

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