



**THE OHIO STATE UNIVERSITY**  
COLLEGE OF ENGINEERING

# Introduction to Composites

## MATSCEN 5711.70

**Credit Hours:**

1.50 - 1.50

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**Course Components:**

Lecture

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**Course Description:**

In this seven-week course, students will gain the theoretical background as well as practical knowledge of the structure and properties of ceramic, metal, and polymer matrix composites.

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**Prerequisites and Co-requisites:**

Prereq: 3261, or Grad standing, or permission of instructor.

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**Course Goals / Objectives:**

- Choose and apply types of fibers and processing methods
- Choose and apply types of composites and processing methods
- Design composites for required properties