

ME 201 : Materials Science and Engineering

This course provides an overview of the fundamental principles of materials science and engineering that are essential to an engineer. The broad areas covered are structure of crystalline solids, mechanical behavior of commonly encountered engineering materials and phase transformations. Students will encounter the inter-relationship between processing, structure and performance and how this affects design and materials selection in engineering practice.

Credits 3

Lab Hours 0

Lecture Hours 3

Tutoring Hours 0

Prerequisites

[CHM 102](#)

Corequisites

none