

# ME 3300: Materials Science I

Introduction to crystal structures, imperfections in solids, diffusion, mechanical properties of materials, dislocations and strengthening mechanisms, phase diagrams, structure and properties of ceramics and polymers, electrical properties.

**Credits:** 3.0

**Prerequisites:**

CHM 1151

CEE 2103

CHM 1151 and CEE 2103 :Y or ME 2103 :Y

**Program:** [Mechanical Engineering](#)