

# INGE 4001

**Course Title** ENGINEERING MATERIALS

**Course Description** A study of the basic principles that govern the properties and behavior of engineering materials, atomic structures, interatomic forces, amorphous and crystalline structures, phase transformations; mechanical properties; the study of the capabilities and limitations of different materials; metals, polymers, ceramics and composites; introduction of corrosion.

**Credit Hours** 3

**Course Options**  
Exchange..... No  
Special Topic..... No  
Type.....Normal  
Offering Semester..... Always  
Students can take this course multiple times.....No

**Grading Schema** Passing Grade D

**Requisites** (QUIM 3002 o QUIM 3042) and (FISI 3161 o FISI 3171)

Course Syllabus