

COURSE: PROPERTIES OF MATERIALS (ENGR 4) SEMESTER: SPRING 2000

INSTRUCTOR: C. L. Glaves  
OFFICE: FEM-4D  
PHONE: 638-3641 ext. 3215

OFFICE HOURS: T 10:00 - 10:50 AM and 11:00 - 11:50 AM  
F 10:00 - 10:50 AM  
or by appointment

TEXT: INTRODUCTION TO MATERIALS SCIENCE FOR ENGINEERS, J. F. Shackelford, Fourth Edition

OBJECTIVES: This is a course that introduces the student to the basic scientific properties of engineering materials. The chemical, structural, mechanical, electrical, and magnetic properties of metals, ceramics, polymers, composites, and semiconductors are investigated. It is assumed that you are at the sophomore level of engineering study, i.e. that you have had Chem 1A and at least one semester of calculus based physics.

EXAMS: Four exams plus a final exam, all equally weighted. The lowest of the five exam scores will be dropped. There will be no make-up exams without prior approval.

HOMEWORK: Homework will be assigned every day. It is crucial to your success in the class that you do the homework. Late homework will receive a reduced grade.

GRADING: Based on highest four exam scores and homework. Homework for the semester is worth 10% of the grade.

Scale: 87% A  
77% B  
65% C  
50% D

ATTENDANCE: In accordance with RC policy, attendance is mandatory. A student may be dropped after six absences unless special arrangements have been made.

DROP DATE: Friday, March 10, is the last day to drop this class and not receive a letter grade.

HOLIDAYS: Monday, January 17 Martin Luther King Day  
Friday, February 18 Lincoln's Birthday  
Monday, February 21 Washington's Birthday  
Monday-Friday, April 17 - April 21 Spring Recess

FINAL: Wednesday, May 17 10:30 AM - 12:30 PM