

Engineering 98 Spring 1997

MATERIALS ENGINEERING

Course Information

1. Assigned Text: William F. Smith, *Foundations of Materials Science and Engineering, 2nd Ed.*, McGraw-Hill, Inc., New York, 1993
2. Instructor: E. Spjut Parsons 382 x73890
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3. Scope of Course: Introduction to the materials triad of structure, processing, and properties. Four common classes of engineering materials: Metals, Polymers, Ceramics, and Electronic Materials will be covered.
4. Course Components:

Homework Each week a set of homework problems will be assigned, to be handed in for grading by the start of class on the assigned day. No late homework will be accepted. Please attempt all of the problems by yourself. If necessary, you may consult with other students on homework solutions, but you may not simply copy their solutions. Neither may you copy solutions from assignments given in previous years or semesters. There will be copies of the preferred solution posted in the library after the assignment is due.

Classes An outline of the expected coverage of material during the semester is provided on the next page. At least part of the class session in which homework is due will be spent going over homework solutions and solution techniques.

Exams Four mid-term examinations (50 min.) will be given. At least some of the problems may be multiple choice. No comprehensive final examination will be given. There will be no scheduled review sessions before the exams.

5. Grading: The weighting of assessed material will be as follows:

Homework	20%
Midterm I	20%
Midterm II	20%
Midterm III	20%
Midterm IV	20%