

Course Coordinator & Lecture Instructor: Prof. Stephen Liu [HH202, M,W,F – 8:00 – 8:50 a.m.]

Laboratory Instructor: Dr. Martin Mataya [HH313, A: Tu: 1:00 – 3:50 p.m.
 B. Th – 1:00 – 3:50 p.m.
 C: Tu – 8:00 – 10:50 a.m.]

Teaching Assistants: Laboratories: Steve Coryell
 Justin Raines
 Nika Muckelroy
 Myra Dyer
 John Nickell
 Luke Jain
 Andy Roubidoux
 Homework Grader: Caleb Roepke

Text: Physical Metallurgy Principles, 4th edition, R. Reed-Hill & Abbaschian
 Microstructural Developments of Materials – Lecture Notes – S. Liu

Workbook: Posted on class web site and Blackboard.
 Workbook includes: Course Objectives by Topic
 Supplementary Reading
 Homework Assignments

Class Organization: Lectures: M,W,F: 8:00-8:50 a.m. -- HH 202
Homework: Reading on questions,
 Problems on principles
 Assignments to be made in class
 Answers posted on due date
 Graded for correctness and completion
Exams: Three (3) hourly exams at approximately five-week
 Intervals [Exam Dates: 02/11, 03/17, 04/22]
 Three in-class 15 minute quizzes
 One (1) two-hour Final Exam during Final Exam week at
 time assigned by the Registrar

Lab Organization: Sections: A: Tu: 1:00 – 3:50 p.m. HH 102
 B: Th – 1:00 – 3:50 p.m. HH 102
 C: Tu – 8:00 – 10:50 a.m. HH 102
Experiments: Instructions for each lab will be
 available on Blackboard. Seven one-week or two-week
 exercises will be conducted by groups of four or five
 students. Group directors/assistants will be assigned
 during first week in class.

Reports: Reporting will be done by each individual, and will consist of either a brief abstract with figures, or a full technical report, and/or a questionnaire.

Grading: A single grade will be given for the lecture and lab courses.

	<u>Number of Points</u>
Hourly Exam (total of three)	45
Quizzes (total of three)	15
Final Exam	30
Homework	10
Lab Reports.....	30
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Total	130

Class and Lab Participation
(Bonus to be added to the course total).....5

Grade Scale:
A 100-90%
B 89-80%
C 79-70%
D 69-60%
F <60%

Note: Students that have accumulated 90% in the hourly exams, quizzes, homework, and lab reports will not be required to sit for the final exam. He or she will receive "A" as final course grade.