

MSE 3002
**STRUCTURAL TRANSFORMATIONS IN METALLIC,
CERAMIC, AND POLYMERIC SYSTEMS**

MWF 9:05 - 9:55 am, Room 299 Love

INSTRUCTOR: Name: W.B. Carter
Office: Room 351 Love
Phone: 894-6762
Office Hours: M 10-11 or by appointment

TEXT: D.A. Porter and K.E. Easterling, Phase Transformations in Metals and Alloys, second edition, Chapman & Hall, New York, 1992.

EXAMS, PAPER & GRADING: Weekly Exams: There will be one short (10 minutes) quiz each week of class (usually on Fridays) with the exceptions of the last week of class, the week of spring break, and the weeks of the two midterm exams, for a total of 12 weekly quizzes. The highest 10 weekly quiz grades will be averaged. This average will count for 30% of the course grade.

Midterm: There will be two midterm exams, each of which will count for 15% of the course grade.

Literature Review Paper: A literature review paper will be assigned and will count for 15% of the course grade.

Final Exam: The final exam will be comprehensive and will count for 25% of the course grade.

Missed quizzes/exam can be made up for excused absences only. Please inform the instructor if you know you will miss a quiz/exam in advance. Unexcused absences on quiz/exam days will result in a grade of zero.

HOMEWORK: Homework assignments will be given periodically. They will not be collected and will not count toward the course grade. Weekly quiz questions are occasionally taken from the assigned homework.

ATTENDANCE POLICY: Students are encouraged to attend lectures and are responsible for all material presented in class. Class roll will not be taken at each class.

ACADEMIC INTEGRITY

In this course, students are encouraged to *study* together (including working together on the homework assignments).

Students are to neither receive nor give help to others during exams.

The use of programmable calculators is not allowed during exams.

Any student suspected of academic misconduct will be referred to the Georgia Tech Office of Student Integrity.