

Syllabus  
ME 2700  
Structure and Properties of Materials I

Fall 2014  
Wright State University  
Department of Mechanical and Materials Engineering

**Instructor:** Dr. Amir A. Farajian  
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Office Hours: T and Th: 12:30-13:30 or by appointment

**Text:** Materials Science and Engineering an Introduction (9th Edition),  
By: Callister and Rethwisch (Wiley Publications)  
**Chapters 1-15 excluding processing sections**

**Grading:** Homework and Quizzes 10%, Term Paper 10%, Exams 1, 2: 25% each,  
Comprehensive Final Exam: 30%.

**Exam 1:** Sep. 23, **Chapters 1-5**

**Exam 2:** Oct. 28, **Chapters 6-9**

**Final Exam:** Dec. 11, **Chapters 1-15**

- Exams will be closed book/notes; only one side of a letter-size equation sheet is allowed.
- Term paper will be on a recent research article, as introduced in class, and a hard copy report will be due on the last day of class.
- Students are expected to attend all lectures. If absent, it is the student's responsibility to catch up the material covered. No late exams/make-ups or quizzes will be allowed except in case of verifiable emergency.