Instructor:

Mr. James Stutts

Office: Room 210-E, Anzalone Hall
Phone: Office: (985) 549-3794
Office Hours: 7:30-8:00 MTWTh
10:00 – 11:00 TTh
1:00 – 2:00 MW
5:30 – 6:00 MW
At other times by appointment
E-mail: jsstutts@selu.edu

Course Description:

Material properties and their uses for industrial production. Functional examination of mechanical, physical, and chemical properties, etc. Three hours of credit will be awarded for the successful completion of this course.

Course Objectives:

1. To develop a basic understanding of the structure and properties of the major materials used in industry.

2. To provide students with knowledge of applications of materials in construction and manufacturing industries.

3. To provide students with an understanding of the physical laws and principles that governs the behavior materials.

4. To develop within each student a measurable degree of competence in the testing and evaluating materials.
Course materials:


Lab Manual: Material Experiments will be provided at the appropriate times.

Grades:

1. Grades will be assigned according with the departmental scale.

   93-100 = A, Superior  
   85-92  = B, Very Good  
   77-84  = C, Average  
   69-76  = D, Below Average  
   0-68   = F, Failure

   Note: Students MUST score a “C” or above in all courses within their major. Otherwise, they must repeat the course.

2. Basis for assigning grades:

   a.) Tests (3-4)  
      300 – 400 Points

       Note: All students are to take tests on the specified date and time. Students with unexcused absences will Not be able to make-up tests, quizzes and lab assignments! A grade of Zero (0) will be assigned!

   b.) Quizzes  
      30-60 points

   c.) Laboratory grade  
      100 points

       Note: Ninety points of the lab grade will be awarded for the written laboratory assignments. Ten additional points will be awarded at the discretion of the instructor for safe and efficient work habits, time management, the proper use of tools and equipment, and the ability of the student to work as an integral part of a team. If you have any problem with this grading system, please make an appointment to talk with me immediately!

   d.) Article reviews  
      20 points
Important Dates and Notes:

1. Students will NOT automatically be dropped from class. Students who choose to drop must do so by the semester deadline! **Friday, March 16, 2007** is the last day to withdraw from classes.

2. The Final Exam for this class will be on **Tuesday, May 8, 2007 12:30-2:30** For TTH class and **Wednesday, May 9, 2007 from 10:15-12:15** For WF class!!!

3. **Monday, March 19 – Thursday March 22, 2007** is early registration for the **Summer 2007** Semester. **Monday, April 2 – Thursday April 5, 2007** is early registration for the **Fall 2007** Semester.

4. If you are a qualified student with a disability seeking accommodations under the Americans with Disabilities Act, you are required to self-identify with the office of Disability Services, Room 203, Student Union. No accommodations will be granted without documentation from the Office of Disability Services.

5. **Student behavior/Classroom decorum:** "Free discussion, inquiry, and expression is encouraged in this class. Classroom behavior that interferes with either (a) the instructor’s ability to conduct the class or (b) the ability of students to benefit from the instruction is not acceptable. Examples may include routinely entering class late or departing early; use of beepers, cellular telephones' or other electronic devices; repeatedly talking in class without being recognized; talking while others are speaking; or arguing in a way that is crossing the civility line." In the event of a situation where a student legitimately needs to carry a beeper/cellular telephone to class, prior notice and approval by the instructor is required." Otherwise,

**ALL BEEPERS, CELLULAR TELEPHONES' AND OTHER ELECTRONIC DEVICES ARE TO BE TURNED OFF BEFORE YOU ENTER THE CLASSROOM.**

Classroom behavior that is deemed inappropriate and cannot be resolved by the student and the faculty member may be referred to the Office of Judicial Affairs for administrative or disciplinary review as per the Code of Student Conduct which may be found at http://WWW.SELU.EDU/Student Affairs/Handbook/.

6. **Academic Integrity:** Students should note that repercussions of academic integrity are discussed in the university catalogue. “Cheating on examinations, plagiarism, improper acknowledgment of sources in essays and the use of a single essay or paper in more than one course without permission are considered very serious offenses and shall be grounds for disciplinary action”.

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7. The students Southeastern Louisiana University e-mail address MUST be used for all e-mail communication between students and faculty/administration/staff. Students are encouraged to check their Southeastern e-mail frequently for important communications from the university.

8. University policy states that the lab is not a place for children. Students are not to bring their children to the lab.

Course Requirements:

1. Adherence to Departmental policies and procedures, a copy of which you were provided.

2. **Regular and punctual class attendance. Students who have unexcused absences will receive the grade of zero ("0") for all tests, quizzes, and/or lab experiments missed.**

3. Students must provide their own safety glasses or goggles. Glasses or goggles MUST meet standard Z87 to be considered “Safety” glasses or goggles. Only those glasses or goggles with Z87 clearly imprinted on them are acceptable. Also, they MUST be equipped with side shields, MUST be clear and untinted, and MUST be in good condition. All forms of eye protection MUST be inspected and approved by the instructor prior to their initial use in the lab.

4. Sandals or other forms of “open” footwear are **NOT** permitted in the Materials lab.

5. Students who are not properly attired or do not possess approved eye protection will NOT be allowed in the lab and will receive a grade of zero (0) for the days’ activity. Students must realize that their safety and that of their classmates is most important!

6. Students are to complete lab assignments in a timely fashion. Students are to turn in the study questions of each lab experiment completed by the beginning of the next class period. Students are to begin and end labwork according to the class schedule. Students, who fail to utilize their time effectively, perform incomplete experiments, who begin their work late, who leave the lab early or who submit their experiments late will have their lab grade penalized.