

**ISEN 302 Economic Analysis of Engineering Projects**  
**Summer II 2010**  
**Course Syllabus**

**Credit:** 2  
**Class schedule:** MTWTF 2:00-3:05 PM  
**Classroom:** 233B Zachry

**Instructor:** Dr. Halit Uster  
**Office:** 235C Zachry  
**Phone:** 979-845-9573  
**Email:** [uster@tamu.edu](mailto:uster@tamu.edu)  
**Office hours:** MTWTF 10:30-11:30 AM at Zachry 235C or by appointment

**TA:** Yiming Wang  
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**Office hours:** MTWTF 12:30-1:30 303Q Zachry

**Website:** <http://elearning.tamu.edu> (Webct)  
**Textbook:** Basics of Engineering Economy by L. Blank and A. Tarquin

**Course objective:** The main goal of this course is to understand and be able to analyze and compare engineering projects (or any types of investment) using techniques in the time value of money concept.

**Prerequisite:** Math 152

**Assumed Skill:** MS Excel and manipulation of spreadsheets.

**Announcement:** Announcements and other information concerning the course will be maintained on <http://elearning.tamu.edu>. In addition, it will be used to distribute study problem sets, lectures, and other material as required during the course. Please check this web site daily. Any information posted on it will be as valid as if it was mentioned in class. Also, I will be sending e-mails to class list as needed. Please make sure that you check your e-mails on account registered with the university.

**Tentative Course Outline:**

- Basic computations for time value of money, Interest rates (Chapter 1-3)
- Test 1 (July 15, Thursday)
- Present Worth, Annual Worth, Rate of Return Analysis (Chapter 4-6)
- Test 2 (July 30, Friday)
- ROR Analysis, Depreciation, and Taxation (Chapter 6, 12, 13)
- Test 3 (August 10, Tuesday)

**Grading:**

Test 1	25%
Test 2	35%
Test 3	30%
Quizes	10%

**Grades:** 90-100% **A**, 80-89% **B**, 70-79% **C**, 60-69% **D**, <60% **F**

**Regarding Exams and Quizes:**

**Above dates are tentative, most likely dates for the exams. I can give a quiz in any class without prior announcement. You will be assigned study problems which you should work on in a timely fashion to be prepared for a quiz. A quiz may be given on any study problem set in the second class time following a study set announcement (If a study set is announced on a Monday, there may be a quiz on Wednesday). Study set solutions will be posted after the quiz (if there is one) or before the exam for you to check your answers. Calculators are allowed. I will post the formula sheet beforehand for the exams. A make-up test will only be given for university-excused absences (You should let me know before a test if you will miss it).**

**Course Policies**

The class participation is highly encouraged. No attendance will be taken but students are responsible for any material covered and announcements made in the class and on Webct.

Any questions regarding any graded material must be discussed within 3 days after it was returned. No grade will be changed after 3-day time limit.

**Academic Integrity:** "An Aggie does not lie, cheat or steal, or tolerate those who do." It is the responsibility of students and instructors to help maintain scholastic integrity at the university by refusing to participate in or tolerate scholastic dishonesty. For more information about academic integrity, see the web site <http://www.tamu.edu/aggiehonor>.

**The Americans with Disabilities Act (ADA)** is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability requiring an accommodation, please contact the Department of Student Life, Services for Students with Disabilities, in Cain Hall or call 845-1637.