

## ISyE 3025 Engineering Economy Fall 2014

Class lectures can be accessed online at [www.isye.gatech.edu/engecon](http://www.isye.gatech.edu/engecon).

**Course description:** Methods of economic analysis in engineering, including time value of money, equivalence, economic measures of worth, selection rules for alternatives, income taxes and equipment depreciation, inflation, and uncertainty. The material is divided into four (4) learning cycles.

**Office Hours:** Will be provided by the respective instructors of each section

### Quizzes:

- There are FOUR Quizzes total (No Make-up Quizzes).
- All quizzes will be held in-class.
- All quizzes are equally weighted.
- All quizzes are Cumulative.
- All quizzes will be closed notes and closed books. Tables and formulas will be provided.
- Calculators, pens, pencils etc. will not be provided and cannot be shared.
- The overall class grade will be based on the average of all four grades.
- There will be NO individual make-up quizzes. **This is a class policy.**
- The table below shows the schedule of quizzes.

Quiz	Date	Time and Location
Quiz 1	TBD	In Class
Quiz 2	TBD	In Class
Quiz 3	TBD	In Class
Quiz 4	TBD	In Class

### Homework Assignments:

1. There will be 4 sets of homework assignments. Homework solutions will be provided at the time of the assignment. Homeworks will not be graded and will not contribute to the course grade.

### Lecture Notes:

Lecture notes for all 4 cycles will be posted on T-square. In addition, PDF slides are available on the course website.

### Guidelines and Grading Procedures:

1. The final course grade will be the average of all four quiz scores. All quizzes will be cumulative.
2. The class will be graded based on a straight scale, i.e. A (100% to 90%), B (89.9% to 80%), C (79.9% to 70%), D (69.9% to 60%), and F (below 60%).
3. There will be **No Make-Up Quizzes on individual students** and there are **No Practice Quizzes**.
4. Students should be prepared to show a photo ID (Buzzcard or driver's license).
5. Quizzes will be closed book, closed notes. It is strongly recommended that you bring a calculator with power functions and storage registers. Any interest tables, tax rate tables, and tax depreciation tables that are needed will be provided with the quizzes, as well as some interest factor tables. Students should

arrive no later than 15 minutes after the quiz starting time; otherwise, they may not be allowed to start the quiz.

6. Inquiries about grades should be presented in writing within one week after the graded quizzes are returned to the students.

### **Administrative Procedures:**

1. **Class Attendance:** Although this is an Internet class, **Attendance is Mandatory.**
2. **Course Websites:** There are two websites that you should keep track of, (1) [www.isye.gatech.edu/engecon](http://www.isye.gatech.edu/engecon), and (2) the course T-Square website.
3. **E-mail Communications:** All emails should be addressed to the instructor. If you send an e-mail message, be sure to include in the Subject field the information about the course: ISyE3025, Fall 2014. Many procedural questions are already answered in the syllabus so please check the syllabus beforehand.
4. Grades will be posted on T-square within 7 to 10 days
5. **Text material** is on T-Square, and you may print and read this information for your personal use in the course. PLEASE make sure that you have downloaded the lectures notes/pdf/videos before the quizzes because often OIT's staff may be carrying out upgrades or service activities during which T-Square can be inaccessible.
6. PDF versions of the **PowerPoint™ slides** from the lectures, in handout form of 6 per page, will be posted on T-Square. There may also be some photocopy versions available at the Engineers Bookstore.
7. The use of cell phones during the in-class lectures is banned.
8. **Please pay close attention to the Georgia Tech Student Code of Conduct:** The instructional staff takes specific measures to protect against students violating the student code of conduct, including the creation of multiple versions of tests, checking of IDs, and the scanning of graded papers before returning them to students.