

INDUSTRIAL AND ENTREPRENEURIAL ENGINEERING AND ENGINEERING MANAGEMENT

IEE 6060 CAPITAL BUDGETING

TEXT: Principles of Engineering Economic Analysis, White, Case, Pratt. Wiley & Sons.

REFERENCE: Engineering Economic Analysis, Newnan, D.G., Engineering Press

EVALUATION:	Midterm Exam	125 pts	25%
	Final Exam	125	25%
	Case Studies/Homework	100	20%
	Team Project	100	20%
	Wall Street Journal Quizzes	50	10%

HOMEWORK PROBLEMS:

Recommended homework problems will be given in class. These problems will be collected only when announced in class. You are encouraged to work these problems to help you learn the course material.

GRADING SCALE:

The following are the approximate points required for the corresponding grades. Actual requirements may vary slightly.

A	400
BA	380
B	360
CB	340
C	320

CASE STUDIES, COMPUTER ASSIGNMENTS:

Case studies will be presented and discussed. You will be required to analyze case studies and turn in short reports. Periodic computer assignments using EXCEL will be given. It is expected that you know EXCEL, and can construct spreadsheets using these programs, including the use of macros and Visual Basic for Applications (VBA). It is also expected that you have knowledge of statistics, including but not limited to analysis of difference between means.

TEAM PROJECT:

A semester-long team project will be required. Details of this project will be discussed in class. A final class presentation will be made at the end of the semester. Use of VBA is required in this project.

VBA REQUIREMENTS:

Use of Visual Basic for Applications (VBA) is required. There may be a VBA exam given during the semester to assess your VBA proficiency. You must pass this VBA exam to receive a passing grade in IEE 6060.

WALL STREET JOURNAL QUIZZES:

Wall Street Journal quizzes will be given each class period. You will need access to the printed version of the WSJ. Articles will be chosen each week as appropriate.

CALCULATOR REQUIREMENT:

The course is taught using a TI BAII Plus calculator. Homework and exams are structured assuming you have this calculator or a calculator with similar capabilities.

IEE 6060

WEEK	READING IN TEXT
1	16,1,2
2	2
3	2,3
4	3,4,5
5	6,7,8
6	9, Mid Term Exam
7	10
8	10
9	11
10	12
11	13
12	13
13	15
14	Project Presentations

This schedule is subject to change during the semester. Deviations from this schedule will be announced in class.