



5	4	Conflict and Negotiation	4, 5, 6, 7	Methods of Resolving Interpersonal Conflict (pg183 & BB) <u><i>Machinists' Mutiny (BB)</i></u>
6	5	Project Organization	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11	<u><i>Geartrain International (BB)</i></u> Cause and Effect Diagrams (BB)
7	6	Project Activity Planning	1, 2, 3, 4, 5, 6, 7, 8, 9	Planning for Crises in Project Management (pg 286 & BB)
8		<b>Midterm Exam</b>		
9	7	Budgeting and Cost Estimation	1,4, 5, 6,5, 9	Three Perceptions of Project Cost (pg 327)
10	8	Scheduling	3, 11	<u><i>Completing the Limerick Nuclear Facility (pg 306)</i></u>
11	9	Resource Allocation	1, 2, 7, 9	<u><i>P&amp;G Fabreze (BB)</i></u>
12	10	Monitoring and Information Systems		Gantt Charts Brainstorming Process <u><i>Mod IV Product Development Team (HO)</i></u>
13	11	Project Control		<u><i>Boeing 767 (HO)</i></u>
14	12	Project Auditing		<u><i>Navistar (HO)</i></u>
15		<b>Project Presentations</b>		
16		<b>Final Exam</b>		

- The laboratory exercises for this class involves interaction of class members, reading and review of Case Studies and presentation of results
- Bold underlined are case studies. Other case studies to be used include: *Turner Construction, NASA Challenger Explosion, Johnson Controls, Transformation of Ford, Columbia's Final Mission*

**TEXT:**

**Project Management: A Managerial Approach 7<sup>th</sup> Edition**

Jack R. Meredith and Samuel J. Mantel Jr. John Wiley & Sons Inc. ISBN 978-0-470-226216  
Supplemental readings and Harvard Business Case (HBS) studies

**METHOD OF PRESENTATION:**

Classroom presentations will be primarily lecture, discussion, role-playing and case studies.

**Labs and additional information are on the course BlackBoard (BB) site**

**METHOD OF EVALUATION:**

The following is the distribution of credit for the required tasks:

Class participation	20%
Case write-up	10%
Homework	20%
Midterm Exam	25%
Final Exam	25%

**LETTER GRADE DEFINITION:**

You will be evaluated on classroom participation, project write up and presentation, homework assignments and examinations using the standard letter grading system as follows:

A+	A	A-	B+	B	B-	C+	C	C-	D+	D	D-	F
100>	>93	90>	87>	83>	80>	77>	73>	70>	67>	63>	60>	<60
X	X	X	X	X	X	X	X	X	X	X	X	
97	96.9	<92.9	<89.9	<86.9	<82.9	<79.9	<76.9	<72.9	<69.9	<66.9	<62.9	

Each faculty member will use the above scale in assigning letter grades in their courses, with the following allowances (a) the end (or ends) of any range can be adjusted by 1 point (+/-) and (b) the assignment of the D- or F may deviate by a few points (2-3) from the values shown (c) faculty may elect to not use +/- grades

### **Presentation and Case Study Process:**

This course is designed to meet the following program objectives of the Engineering Technology program:

- (1) Each student will present a case to the class during the last weeks of class. The entire class must participate in this discussion.
- (2) Cases will be selected on a first come first serve basis. The instructor will assign a presentation date and time.
- (3) A formal typed report must be submitted approximately (3 pages), which describes the key points of the case. A PowerPoint presentation is required and must also be submitted.
- (4) Each team is responsible for selecting a case to present for HBS website or other sources and must be approved by the instructor no later than one week prior to the presentation.
- (5) Guest speakers will be scheduled as appropriate.

### **COURSE ASSESSMENT CRITERIA**

**Outcome 11** "Effective team work skills"

**Outcome 12** "Project management"

### **ASSESSMENT TOOLS USED IN ENT 278 AND ENT 252**

Employer Surveys

Graduate Surveys

Student Evaluations

Design/Lab Projects and Tests from ENT 314, ENT 316, ENT 415, ENT 497/498

Instructor Course Evaluation Form from ENT 314, ENT 316, ENT 415, ENT 497/498