Department of Industrial Engineering

IE 441 COST ANALYSIS AND CONTROL  Fundamentals of basic accounting practices applied to manufacturing and service organizations including cost accounting, standard cost, and budgetary control systems. Allocation of overhead cost to products. Product costing techniques. Special attention is given to design of cost accounting systems, techniques of analysis, and cost control.

Instructor:  Osman Oğuz
Goals:  To introduce the student to cost accounting principles, cost terms and classification, standard costing and budgetary control systems.

Course Outline

1. Accountant’s Role and Cost Terms (Chp. 1 & 2)
2. Cost-Volume-Profit Relationships (Chp. 3)
3. Costing Systems in Manufacturing (Chp. 5 & 17)
4. Costing Systems in Service and Merchandizing (Chp. 4)
5. Master Budget and Responsibility Accounting (Chp. 6)
   EXAM # 1 (October 25, 2004)
6. Master Budget and Responsibility Accounting (Chp. 6)
7. Flexible Budgets and Standards I (Chp. 7)
8. Flexible Budgets and Standards II (Chp. 8)
9. Income Effects of Alternative Product Costing Methods (Chp. 9)
10. Determining How Costs Behave (Chp. 10)
11. Cost Information for Various Decision and Control Purposes (Chp. 11)
   EXAM # 2 (December 15, 2004).
12. Cost Allocation I (Chp. 13)
13. Cost Allocation II (Chp. 14)
14. Cost Allocation: Joint Products and Byproducts (Chp. 15)


Grading
Homework & Quizzes: 15 %
2 Midterms 60 %
Final 25 %