

**IT 450**  
**Project Management I**  
**Fall 2010**

**Catalog Description:**

450-3 Project Management I. This course is designed to provide students with an overview of the project management process followed by an in-depth examination of the activities needed to successfully initiate, plan, schedule, and control the time and cost factors of the project.

Prerequisite: IT 375, 382, 392, or consent of instructor.

**Major topics:** Why Project Management?, The Organizational Context, Project Selection and Portfolio Management, Leadership and the Project Manager, Scope Management, Project Team Building, Conflict and Negotiation, Risk Management, Cost Estimation and Budgeting, Project Scheduling with Critical Chain, Resource Management, Project Evaluation and Control, and Project Closeout and Termination.

**Course Objective:**

1. Define and explain terminology associated with project planning and scheduling including; project, project management, project life cycle, typical phases of project planning and execution, work breakdown structure, and scheduling terms.
2. Develop and defend the appropriate plans and documentation needed to initiate a project including project charter, scope, team organization, work authorization system, and change control system.
3. Working from case studies, analyze project requirements and develop a work breakdown structure for the project.
4. Prepare both manual and computerized schedules and resource allocation information for a project.
5. Analyze project time requirements and adjust the schedule to account for scope changes, resource constraints, and project problems.
6. Analyze cost requirements and develop a project budget.
7. Demonstrate awareness of contemporary project management literature.

**Important Dates/Times:**

Class meets Saturday and Sunday 8/28-29, 9/11-12, and 9/25-26 from 8:00am-4:30pm

Test 1 – 8/29

Test 2 – 9/12

Test 3 – 9/26

**Assessment Methods:**

Grade scale 90/80/70/60

1. 3 Exams (100 points each, all comprehensive)
  2. 3 Homeworks (10 points each)
  3. 1 Project (100 points total)
  4. No late work accepted
  5. Class participation (attendance)
- Total Points = 430 points

**Note: College policy on cheating and plagiarism will be adhered to.**

**Topical Outline:**

Chapters 1 through 5	Test 1
Chapters 6 through 10	Test 2
Chapters 11 through 14	Test 3

**Text and Supplies:**

Required: Textbook: Project Management: Achieving Competitive Advantage, by Jeffrey K. Pinto, 2010, 2nd edition, ISBN: 0136065619, Prentice Hall

Scientific calculator (must have average, standard deviation, etc)

Recommended: Access to Microsoft Excel and Project 2003 or similar programs

**Class Layout:**

Homework assignment – Q/A – Lecture – Exercise/Exam

**Instructor:**

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**Disclaimer:**

Circumstances may require some changes to this syllabus.