



Degree Applicable  
Effective Quarter: Fall 2007

## I. Catalog Information

**CIS 95A**

**Project Management**

**5 Unit(s)**

Advisories: English Writing 100 and Reading 100 (or Language Arts 100), or English as a Second Language 172 and 173 (or English as a Second Language 5).

Five hours Lecture.

(Also listed as Business 95A. Student may enroll in either department, but not both, for credit.)

Focus on your role as a Project Manager; selecting a project; selecting a team; documentation and tracking of a project using Project Manager Book of Knowledge (PMBOK) Theory.

## II. Course Objectives

- A. Introduce the range, scope, and complexity of modern projects.
- B. Introduce a strategic, system perspective on the management of projects.
- C. Introduce the role of the modern project manager.
- D. Practice applying modern project management tools and techniques.

## III. Essential Student Materials

None

## IV. Essential College Facilities

None

## V. Expanded Description: Content and Form

- A. Introduce the range, scope, and complexity of modern projects.
  - 1. Project Management Introduction (PMBOK Theory)
  - 2. Project Management Scope and Complexity
  - 3. Project Integration and Scope
  - 4. Project Management Process and Teaming
  - 5. Social-Economic-Environmental and Organizational influences.
- B. Introduce a strategic, system perspective on the management of projects.
  - 1. Human Resource Management, Project Risk Management

2. Scoping of Projects, Planning, Definition and Verification
  3. Change Management
  4. Cost Management
  5. Time Management including Sequencing event, Work Breakdown Structures, Activity sequencing, Schedule development and control of schedules.
  6. Resource Planning, Cost Estimation, Budgeting for Projects and Control its costs.
- C.** Introduce the role of the modern project manager.
1. Quality, Communication and Procurement in a project
  2. Organizational Planning
  3. Staff Acquisition and Team Development, including Multicultural teams.
- D.** Practice applying modern project management tools and techniques.
1. Communication Management between global and multicultural teams.
  2. Risk Identification and Mitigation strategies
  3. Risk Analysis, Response and Control
  4. Procurement Planning and Contract Management.

## **VI. Assignments**

- A. 3-12 Homework Assignments helping students apply the PMBOK Theory.

## **VII. Methods of Instruction**

None

## **VIII. Methods of Evaluating Objectives**

- A. Homework Assignments
- B. One Midterm
- C. Final exam

## **IX. Texts and Supporting References**

- A. Examples of Primary Texts and References
  1. Project Management Institute, "A Guide to the Project Management Body of Knowledge", Newtown Square, PA, 2000, Project Management Institute.
- B. Examples of Supporting Texts and References
  1. None