

**TOWSON UNIVERSITY**  
**CENTER FOR APPLIED INFORMATION TECHNOLOGY**

**AIT 630:** Information Technology Project Management

**Credit Hours:** 3

**Prerequisite:** AIT 628 or equivalent

**Course Description:** This course examines the factors necessary for the successful management of information systems development or enhancement projects. Both technical and behavioral aspects of project management are discussed. Topics include project management concepts, needs identification, the software project manager, software teams, software project organizations, project communications, software project planning, scheduling, control and associated costs. Project management software tools will be an integral part of the course.

**Course Objectives:**

1. Describe the project life cycle
2. Explain the project management process
3. Analyze and evaluate a request for a proposal
4. Develop a project proposal
5. Formulate a plan and schedule for an IT project
6. Perform cost performance analysis for a project
7. Discuss the responsibilities and required skills of a project manager
8. Explain project team development, effectiveness, and communication
9. Operate as part of a project team
10. Identify the characteristics of each type of project organization structure

**Suggested Textbook:**

1. Gido, J. and Clements, J., *Successful Project Management*, 3<sup>rd</sup> edition, South-Western Publishing
2. Bennatan, E., *On Time and Within Budget: Software Project Management Practices and Techniques*, 3<sup>rd</sup> edition, Wiley

**Other References/Journals:**

International Journal of Project Management  
MIS Quarterly  
Project Management Journal  
PM Network