

**CENTER FOR APPLIED INFORMATION TECHNOLOGY  
TOWSON UNIVERSITY**

**AIT 730:** Case Studies in Information Systems Management

**Credit Hours:** 3

**Prerequisite:** AIT 630

**Course Description:** Real-world projects dealing with the issues related to development, management and maintenance of large-scaled information systems; emphasis is on business information systems for a distributed environment.

Project: A real-world information system with a high-level of security requirements will be assigned /selected by each student enrolled in this course. Each student will be required to analyze the system, specify the requirements, develop a system development plan, design the system architecture, estimate the schedule, cost and resources for the project and measure other metrics useful in system management.

**Learning Objectives:**

1. Ability to design and implement distributed information systems
2. Understand the issues involved in managing a distributed information systems
3. Understand the security issues concerning an information systems
4. Understand and be able to predict cost, schedule and resource requirements for developing and maintaining a large-scaled information system

**Suggested Textbooks:**

This is a project-based course and would require no specific textbook. Books and reading materials used for AIT 628 and AIT 630 will be the primary reference for this course.

**Other References/Journals:**

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