

**APPLIED INFORMATION TECHNOLOGY  
TOWSON UNIVERSITY**

**AIT 720:** Case Studies in Networking Technology

**Credit Hours:** 3

**Prerequisite:** AIT 620 and AIT 622

**Course Description:** Real-world projects dealing with the development, installation, and management of application systems for a variety of networks environment; emphasis is on distributed applications for LAN, WAN, Internet and Intranet.

Project: A real-world network-based system with a high-level of security requirements will be selected by each student enrolling in this course. Each student will be required to analyze the system, specify the requirements, design the system, implement a prototype, and deliver the prototype over the selected network environment.

**Course Objectives:**

1. Ability to design and implement distributed application systems
2. Understand the issues involved in developing distributed information systems for Internet applications and e-commerce
3. Understand the security issues concerning computer networks

**Bibliography:**

This is a project-based course and would require no specific textbook. Books and reading materials used for AIT 620 and AIT 622 will be the primary reference for this course.