

# Course Abstract

*If you need accommodations due to a disability, contact Disability Services in Edison Hall Room 100, 732.906.2546.*

*To foster a productive learning environment, the College requires that all students adhere to the Code of Student Conduct which is published in the college catalog and website.*

**Course ID and Name: CSC261 – Information Technology Management**

**Department: Business and Computer Science**

Chairperson or Course Coordinator: Dr. Aslihan Cakmak

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**Prerequisites:** CSC105 or CSC106 and ENG 121

**Co-requisites:** CSC 200

## **Course Description:**

This course covers the technical and managerial issues involved in managing the Information Technology environment of an organization including: computer and network architecture, telecommunications, databases, operations, systems development and strategic planning. Students will investigate a broad range of managerial issues as well as the relationship between technical and managerial strategies

**General Education Status:** N/A

**Credits:** 3

**Lecture Hours:** 3

**Lab Hours:** 0

## **Learning Outcomes:**

**Upon successful completion of this course, a student will be able to:**

1. Describe the functions of an Information Technology organization.
2. Describe the duties of a programming department.
3. Describe the duties of a system administration department.
4. Describe the duties of a desktop support department.
5. Describe the duties of a help desk.
6. Describe the duties of an organizational support department.

## **Course Content Areas:**

- Introduction to Information Technology Management
- Importance/Role of the management of an Information Technology
- Trends in software, hardware, telecommunications, and data
- Strategic uses of IT resources
- IT planning
- Distributed systems architecture
- Managing telecommunications
- Managing databases
- Managing operations
- Managing systems development
- Continuity planning
- Software development process
- Decision support systems
- The Future of IT