

SYLLABUS
PART I
EDISON STATE COMMUNITY COLLEGE
CIT 211S OPERATING SYSTEMS CONCEPTS
3 CREDIT HOURS

COURSE DESCRIPTION

In depth study of operating systems concepts, organization and functions including commands used in a working systems environment. Topics include single and multi-user systems, single and multi-tasking systems and graphical user interfaces. Operating systems for various platforms are explored. Lab fee.

COURSE GOALS

The student will:

Bloom's Level		Program Outcomes
1	1. Define the design and organization underlying any operating system.	1, 2
2	2. Explain the major functions and purposes of computer operating systems.	5, 6
1	3. Describe the differences between command-oriented systems, system shells and graphical user interfaces.	7
1	4. Examine the uses for various types of operating systems.	3, 8

CORE VALUES

The Core Values are a set of principles that guide in creating educational programs and environments at Edison. They include communication, ethics, critical thinking, human diversity, inquiry/respect for learning, and interpersonal skills/teamwork. The goals, objectives, and activities in this course will introduce/reinforce these Core Values whenever appropriate.

TOPIC OUTLINE

1. Operating System Types
2. Operating System Functions and Characteristics
3. Operating System Organization
4. DOS and Windows Techniques
5. LINUX Techniques and Concepts
6. Comparison of Operating Systems