

PALOMAR COLLEGE FORM VERSION: 5/95
COURSE OUTLINE OF RECORD DATE REVISED: 2/18/99
FOR AA DEGREE CREDIT COURSE

 X Transfer Course X Degree Applicable Course

(Check all that apply)

COURSE NUMBER AND TITLE: CSIS 229 – Windows System Administration

UNIT VALUE: 2

MINIMUM NUMBER OF SEMESTER HOURS: 64

BASIC SKILLS REQUIREMENTS: Appropriate language and computational skills.

ENTRANCE REQUIREMENTS:

Prerequisite:	CSIS 170
Corequisite:	None
Recommended Preparation:	None

SCOPE OF COURSE:

This course is an introduction to system administration for the Windows operating system.

SPECIFIC COURSE OBJECTIVES:

Successful students will be able to perform the following tasks:

1. Describe the operating system environment and its architecture
2. Configure the operating system environment
3. Create user profiles
4. Manage system policies
5. Start up, shutdown, and maintain associated files
6. Describe and maintain system files
7. Manage disk resources
8. Monitor the security of the files
9. Register new users
10. Maintain the password file and group files
11. Remove users, user files, and associated directories
12. Monitor system and users activities

CONTENT IN TERMS OF SPECIFIC BODY OF KNOWLEDGE:

- I. System administrator's overview of operating system
- II. User account management: creating, copying and disabling accounts.
- III. System Startup
- IV. File System management
- V. File and directory resource management
- VI. Creating shared directories and permissions
- VII. Security features and controlling the logon process to secure the system
- VIII. Backup
- IX. Features and functions of the networking components
- X. Troubleshooting
- XI. Monitoring and optimizing system performance.

REQUIRED READING:

Sarnow, Michael. Windows 2000 System Administration. Redmond: Microsoft Press, 1999.

SUGGESTED READING: None.

REQUIRED WRITING:

Problem solving exercises are assigned, requiring students to complete five or six computer assignments. Each assignment will consist of a hands-on exercise applying theory principles learned in class. Assignments must be well documented (at least one paragraph) in terms of their overall design goals.

OUTSIDE ASSIGNMENTS:

Students are expected to spend a minimum of three hours per unit per week in class and on outside assignments, prorated for short term classes.

There are written homework exercises within each section of each chapter that are assigned, requiring an average of one hour to complete. In addition, numerous computer assignments are assigned, each ranging from one to ten hours to complete by an average student.

INSTRUCTIONAL METHODOLOGY:

Check all that apply:

- lecture
- laboratory
- lecture-laboratory combination
- directed study

This course may be offered as a distance education course and meets Title 5 regulations 55370, 55372, 55374, 55376, 55378, and 55380. Yes No

If yes, check all that apply:

- Telecourse
- Mediated instruction
- Computer assisted instruction

GRADING POLICY AND STANDARDS (include methods for determining whether the stated objectives have been met by students):

Computer Assignments	45%
Midterm	25%
Final	30%

IS COURSE REPEATABLE FOR REASON(S) OTHER THAN DEFICIENT GRADE?

Yes _____ No X Number of times course may be taken for credit 1.

If yes, identify specific provision of Title 5 Division 2 section(s) 55761-55763 and 58161 which qualifies course as repeatable:

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