

CIS 51.13 Course Outline as of Fall 2010**CATALOG INFORMATION**

Dept and Nbr: CIS 51.13 Title: WINDOWS COMMAND-LINE

Full Title: Microsoft DOS/Windows Command Line Basics

Last Reviewed: 9/25/2000

Units		Course Hours per Week		Nbr of Weeks	Course Hours Total	
Maximum	1.50	Lecture Scheduled	2.00	8	Lecture Scheduled	16.00
Minimum	1.50	Lab Scheduled	2.00	3	Lab Scheduled	16.00
		Contact DHR	1.50		Contact DHR	12.00
		Contact Total	5.50		Contact Total	44.00
		Non-contact DHR	0		Non-contact DHR	0

Total Out of Class Hours: 32.00

Total Student Learning Hours: 76.00

Title 5 Category: AA Degree Applicable

Grading: Grade or P/NP

Repeatability: 00 - Two Repeats if Grade was D, F, NC, or NP

Also Listed As:

Formerly: CIS 84.17

Catalog Description:

This course will provide the student with a detailed understanding of the workings of Microsoft DOS using the command line in Windows. The material in this course will form a foundation of knowledge that can be expanded on by further study and experience with the UNIX, Novell NetWare and Microsoft Windows NT network operating environments.

Prerequisites/Corequisites:

Course Completion of CS 80.11 (or CIS 50.91 or CIS 84.95)

Recommended Preparation:

Eligibility for ENGL 100 or ESL 100

Limits on Enrollment:**Schedule of Classes Information:**

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Prerequisites/Corequisites: Course Completion of CS 80.11 (or CIS 50.91 or CIS 84.95)

Recommended: Eligibility for ENGL 100 or ESL 100

Limits on Enrollment:

Transfer Credit:

Repeatability: Two Repeats if Grade was D, F, NC, or NP

ARTICULATION, MAJOR, and CERTIFICATION INFORMATION:

AS Degree:	Area	Effective:	Inactive:
CSU GE:	Transfer Area	Effective:	Inactive:
IGETC:	Transfer Area	Effective:	Inactive:
CSU Transfer:		Effective:	Inactive:
UC Transfer:		Effective:	Inactive:

CID:

Certificate/Major Applicable:

Certificate Applicable Course

COURSE CONTENT

Outcomes and Objectives:

The students will:

1. Demonstrate the use of DOS file and disk command syntax using the command line in Windows.
2. Demonstrate the ability to format diskettes and drives.
3. Distinguish between internal and external DOS commands.
4. Distinguish between program files, data files and subdirectories.
5. Demonstrate the ability to develop a consistent file, directory and disk management strategy.
6. Identify the elements in the Registry file structure and the alternatives to editing the Registry.
7. Demonstrate the ability to protect the system by:
 - a. performing proper backup/restore procedures to the Registry
 - b. making and using an operating system startup disk
 - c. using Virus checking utilities
8. Create, edit, save and run batch files in an interactive processing environment.
9. Demonstrate the ability to manage memory, the boot process, and system configuration.
10. Set-up a basic peer-to-peer network with drive, folder and printer sharing.

Topics and Scope:

1. Microcomputer Systems: Hardware, Software, and the Operating System
2. Command Syntax: Using the DIR command with Parameters and Wildcards
3. Disk and Formatting

- a. Structure of a disk
- b. High-density disks and disk drives
- c. Function and purpose of formatting a disk
- d. Formatting a disk using the LABEL command
- e. Formatting a disk using the /Q parameter
- f. Bootable and nonbootable disks
- g. Creating a bootable disk from the command prompt
4. Program Files, Data Files and Subdirectories
5. Internal Commands: COPY and TYPE
6. Purpose, function and use of DEL, DELTREE, RENAME, and MOVE commands
7. Purpose, function and use of ATTRIB, SUBST, XCOPY commands, DOSKey, and the MS-DOS Text Editor
 - a. File attributes and the ATTRIB command
 - b. Using Hidden, Archive, Read-only attributes with ATTRIB
 - c. Using the SBST and XCOPY commands
 - d. Using multiple XCOPY parameters
 - e. Loading and using the DOSKEY
 - f. Using the MS-DOS text editor
8. Organizing and Managing Your Hard Disk
9. Pipes, Filters, and Redirection
10. Introduction to Batch Files
11. Advanced Batch Files
12. Understanding Memory, the Boot Process, and System Configuration
13. Protecting your system: Backing Up and the Registry
14. Connectivity
 - a. Networks (LANs and WANs)
 - b. Setting up a peer-to-peer network and identifying a computer to the network
 - c. Sharing drives, folders and printers on the network
 - d. Mapping drives on the network
 - e. Overview of TCP/IP and related utilities.
 - f. TCP/IP utilities ” the command-line interface with the Internet
 - 1) Using IPCONFIG and WINIPCFG
 - 2) Ping
 - 3) Tracert
 - 4) FTP

Assignment:

1. Individual hands-on exercises to demonstrate each topic.
2. Reading approximately 30 pages weekly from the textbook.
3. Participate in class discussion topics.

Methods of Evaluation/Basis of Grade:

Writing: Assessment tools that demonstrate writing skills and/or require students to select, organize and explain ideas in writing.

None, This is a degree applicable course but assessment tools based on writing are not included because problem solving assessments and skill demonstrations are more appropriate for this course.

Writing
0 - 0%

Problem Solving: Assessment tools, other than exams, that demonstrate competence in computational or non-computational problem solving skills.

Homework problems, Exams

Problem solving
20 - 50%

Skill Demonstrations: All skill-based and physical demonstrations used for assessment purposes including skill performance exams.

MAINTAIN AND TROUBLESHOOT THE OPERATING SYSTEM

Skill Demonstrations
20 - 50%

Exams: All forms of formal testing, other than skill performance exams.

Multiple choice, True/false, Matching items, Completion, PERFORMANCE EXAMS

Exams
20 - 50%

Other: Includes any assessment tools that do not logically fit into the above categories.

None

Other Category
0 - 0%

Representative Textbooks and Materials:

"Windows User's Guide to DOS - Using the Command Line in Windows 95/98"
by Carolyn Z. Gillay & Bette A. Peat - Franklin Beedle & Associates, Inc., 1st Edition 1999