

COURSE OUTLINE

CMSY-134 Introduction to Operating Systems 1 Semester Hour

HOWARD COMMUNITY COLLEGE

Description

After successful completion of this course, the student will be able to define and explain the purpose of basic MS-DOS Command Line and Windows. In addition, students will be able to demonstrate proficiency in file management concepts in both MS-DOS and Windows. This course is designed to meet the needs of students who want to work toward A+ certification. This course may be completed in fewer than 14 weeks and may be started at any time during the school year. All of the work for this course (except tests) may be done outside of class if the student has the appropriate operating systems.

Overall Course Objectives

Upon completion of this course, the student will be able to:

1. Describe the purpose of hardware and software components.
2. Define terminology specific to MS-DOS and Windows.
3. Use internal and external MS-DOS commands.
4. Work with files and directories in MS-DOS.
5. Work with files and folders in Windows.

Major Topics

- I. Overview of a Computer System
 - A. PC System Components
 1. Hardware – Motherboard, Hard and Floppy Drives, Monitor, Keyboard, Mouse, CD-ROM
 2. Software – OS, DOS, Windows, Application Software, Communications Software
- II. Terminology – Default, Drive, Directory (Root, Structure), Wildcards, Files and their Attributes, Filenames
- III. MS-DOS Components
 - A. Boot Files – IO.SYS, MSDOS.SYS, COMMAND.COM
 - B. System vs. Nonsystem Disk
 - C. Internal Commands – DIR, MD, CD, RD, DEL, RENAME, COPY, TYPE
 - D. External Commands – ATTRIB, FORMAT, XCOPY, EDIT, MOVE, SCANDISK, DEFRAG, DOSKEY
 - E. Autoexec.bat
 - F. Config.sys
- IV. Windows – GUI
 - A. Help
 - B. Find
 - C. Search
 - D. Creating Files, Folders, and Subfolders

- E. Moving, Copying, Deleting, and Renaming Files and Folders
- F. Desktop, Explorer, My Computer, Control Panel, Recycle Bin
- G. SCANDISK and DEFRAG

Course Requirements

- Grading/exams: Specific assignments and procedures for evaluating student performance in the class will be described in the individual class syllabus, but will include the following:
1. MS-DOS file management project.
 2. Windows file management project using Explorer.
 3. Multiple choice, true/false tests.
 4. Hands-on computer tests.

Other Course Information

Call 410-772-4876 between 9 a.m. and 3 p.m. for more information about this course.

This course is a business elective.