

North Central Michigan College

NCMC MASTER COURSE SYLLABUS

Last Date Revised 11/23/2006

DIVISION/AREA: Occupational

DEPARTMENT: CIS

ASSOCIATE DEAN: Robert J. Marsh

ORIGINATOR: Hwee-Joo Kam

DEAN OF INSTRUCTION: Timothy Dykstra

HOURS OF INSTRUCTION: 3.0

Credit hours: 3.0

Lecture: 2

Lab: 2

Contact hours: 52.8

COURSE TITLE: Intro to PC Operating Systems

COURSE ALPHA: CIS

COURSE NUMBER: 120

CATALOG DESCRIPTION:

An introduction to common operating systems for the personal computer. The course introduces the basic Operating Systems functions necessary in both text-based and graphic environments for Operating Systems management. Windows command line is taught to address the security issue in operating systems. Students will learn command shell and write command lines to interact with file system, network and users, and processes and services. Prerequisite: CIS 100

PREREQUISITE(S): CIS 100

COREQUISITE(S):

GENERAL EDUCATION/PROGRAM OUTCOMES:

- Think critically and analytically
- Write and speak effectively

COURSE OBJECTIVES AND OUTCOMES:

At the successful conclusion of the course, the student will learn how to:

- Control Windows through using frequently used command line commands
- Use command line to detect malicious codes and intrusion
- Use command line to manage Windows Operating Systems
- Manage files, documents & folders on hard disks
- Describe the function of the Windows registry and edit, backup and restore it

METHODS OF INSTRUCTION: Lecture, in class exercises and presentations, homework projects

METHODS OF EVALUATION: Exams, project presentations, in class exercises, homework projects

REQUIRED TEXT AT TIME OF COURSE ADOPTION/REVISION:

TEXTS: Phillips, Harry & Skagerberg, Eric. (2006). *Microsoft Windows 2000 MS-DOS Command Line, Comprehensive, Windows XP Enhanced*. ISBN: 0-619-18551-1. Cambridge. Course Technology.

OPTIONAL SUPPLEMENTARY MATERIALS:

Reasonable accommodations can be provided to students with documented disabilities. Please contact Learning Support Services at 348-6817 to arrange these.

SUGGESTED TIME ALLOWANCE AND SEQUENCE OF INSTRUCTION:

(List general content description of what is being covered each week)

WEEK 1	Course Overview
WEEK 2	Introduction to Windows Architecture
WEEK 3	Introduction to Windows Command Line
WEEK 4	<i>Exam I</i>
WEEK 5	Displaying Directories and Working with Files
WEEK 6	Using Directories and Subdirectories
WEEK 7	Using Command Lines to Search Directories and Files
WEEK 8	<i>Exam II</i>
WEEK 9	Folder Sharing and Permission
WEEK 10	NTFS File Permission
WEEK 11	Managing and Back up a Hard Disk
WEEK 12	<i>Exam III</i>
WEEK 13	Optimizing Disk
WEEK 14	Introduction to WMIC Command Lines
WEEK 15	Term Paper Presentation
WEEK 16	<i>Final Exam</i>

