

The Community College of Baltimore County

Windows XP Professional

DCOM 201 COMMON COURSE OUTLINE

COURSE GOALS

Description

The purpose of the course is to enable students to install, configure, manage, and maintain Windows XP Professional in a Windows 2003 networking environment. Using a hands-on format, students will install the XP operating system, create user accounts, configure networking protocols, establish network connectivity, configure security, share folders, install devices, manage disks and data storage, perform backups, monitor system performance, and troubleshoot common problems. This course is a core course in the MCSE and MCSA programs at CCBC.

Major Topics

1. Overview of XP Professional
2. Installation
3. Managing file systems, NTFS
4. Device management
5. The user interface
6. Network printing
7. File and directory security
8. File and directory sharing
9. Supporting applications
10. Network protocols
11. Configuring TCP/IP
12. Internet connectivity
13. Create users and groups
14. Computer security
15. Backups, disaster recovery
16. Performance management

Objectives

Upon completion of the course, students will be able to:

1. Install Windows XP Professional
2. Create user and group accounts
3. Install network protocols
4. Configure TCP/IP
5. Install and Administer printers
6. Assign NTFS file permissions
7. Share network folders
8. Configure XP system variables
9. Install device drivers
10. Configure network security options
11. Manage data storage

12. Monitor system usage and performance
13. Perform backups and system recovery

Course Rationale

Windows XP Professional is the most commonly deployed client operating system. For a student pursuing a career in computer networking, Windows XP Professional, taken along with other Windows operating system courses, will provide the foundation knowledge necessary to manage a local area network.

EVALUATION

Grading

Students will be evaluated based on three exams, each of which are worth 33% of the student's grade.

COURSE PROCEDURES

Textbook

Microsoft Windows XP Professional. Microsoft Press. Redmond, Washington. 2005.

Professionalism

Students are expected to behave in a professional manner. Students should not surf the internet, play games, or use cell phones during class. Students should arrive for class on time. Students should remain silent when the instructor or another student is talking. Students should be respectful toward all other people in the class.

Attendance Policy

Attendance is required. Students will be responsible for material covered in the book and in the classroom. Failure to attend class typically results in failure in the course.

Academic Honesty

Students are expected to follow the academic honesty policy as described in the college catalog.

Instructor

Dr. Dan Whitaker. Assistant Professor of Network Technology. Office: H218. Office phone: 410-719-6542. Email: dwhitaker@ccbcmd.edu.

Accommodation for Students with Disabilities

CCBC is committed to access for all students, including students with disabilities. If you have any special needs which are not being met, see your instructor.

Confidentiality

All communication between the student and the instructor is confidential.

Class Meeting Times and Locations

T, Th 5:45 – 9:45 H 116

Other Questions or Problems

If you have any questions or problems regarding this class or any questions regarding CCBC in general, please see your instructor.