

**Common Course Outline**  
**DCOM 201**  
**Windows Professional**  
**4 Credits**

**The Community College of Baltimore County**

**Description**

**DCOM 201 – 4 Credits – Windows Professional** enables students to install, configure, manage, and maintain the Windows desktop/client operating system in a Windows networking environment. Using a hands-on approach, students will install the 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 helps students prepare for the Microsoft certification exam.

**4 credits**

**Corequisite:** DCOM 101 or DCOM 141 or consent of the program coordinator

**Overall Course Objectives**

1. Upon completion of this course students will be able to:
2. install the client operating system;
3. configure the operating system;
4. create and format disk partitions;
5. manage permissions;
6. create shared folders;
7. create user and groups;
8. install and manage printers;
9. install and configure TCP/IP;
10. implement security;
11. configure applications;
12. monitor performance; and
13. troubleshoot common problems.

**Major Topics**

- I. Installation
- II. Operating system configuration
- III. Disk management
- IV. Sharing and permissions
- V. Users and Groups
- VI. Device drivers and printers
- VII. Network connectivity
- VIII. Security

- IX. Applications configuration
- X. Performance optimization
- XI. Wireless networking
- XII. Troubleshooting

### **Course Requirements**

Grading/exams: Grading procedures will be determined by the individual faculty member but will include the following:

Minimum of three exams

Writing: The individual faculty member will determine specific writing assignments. Students are required to utilize appropriate academic resources.

### **Other Course Information**

This course is a program requirement for the Associate's Degree in Network Technology.