

PRINCE GEORGE'S COMMUNITY COLLEGE  
OFFICE OF INSTRUCTION

**MASTER COURSE SYLLABUS**

<u>CIS 231 Windows 2003 Server Administration</u>	<u>Michael Burt</u>	<u>12/19/2006</u>
Course Designator and Title	Prepared by	Date
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Department Chairman	Instructional Dean	Date

**COURSE DESCRIPTION:**

The goal of this course is to provide the student with an introduction to Windows 2003 Professional, focusing on some of the main topics that are covered in MCSE certification. This course covers a wide range of material about Windows 2003 networking. It will provide an overview of the Windows 2003 networking family, as well as cover such topics as installation, the file system, profiles and policies, security, protocols, internetworking, remote access, printing, and troubleshooting.

**EXPECTED COURSE OUTCOMES:**

- *For proposed general education courses, indicate correlation with core learning outcomes by placing letter(s) of outcomes in parentheses next to course learning outcome. See document "General Education Core Learning Outcomes" for a lettered list. For example if course outcome 1 correlates with core learning outcome C, place (C) at the end of the outcome statement.*
- *For each course learning outcome, indicate briefly the planned assessment tools, such as cases, essay, multiple choice questions, etc.*
- *Course learning outcomes should be numbered for referral purposes.*

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

Course Learning Outcomes (General Education correlation as applicable, see above note)	Planned Assessment Tools
1. Describe the Windows 2003 Server Family	essay
2. Install Windows 2003 Server	lab completion
3. Troubleshoot installation problems	lab completion
4. Install, configure and troubleshoot access to resources	lab completion
5. Configure and troubleshoot hardware devices and drivers	lab completion
6. Manage and configure users, groups, profiles, and policies	lab completion multiple choice questions

7. Manage, configure and troubleshoot storage use	lab completion multiple choice questions
8. Configure and troubleshoot network connections	lab completion
9. Implement, monitor and troubleshoot security	lab completion
10. Manage, monitor and optimize system performance	lab completion

**RANGE OF SUBJECT MATTER -- MODEL COURSE OUTLINE:**

1. Networking with Microsoft Windows 2003 Server
2. Planning server hardware
3. Planning network protocols and compatability
4. Working with file systems and planning the Active Directory
5. Server installation and configuration
6. Configuring server storage, backup, and performance options
7. Managing accounts and client connectivity
8. Managing DFS, disk quotas, and software installation
9. Installing and managing printers
10. Remote access and Private Networks
11. Managing Internet and network interoperability
12. Server monitoring and optimization
13. Network monitoring and tuning
14. Implementing security and troubleshooting in Windows 2003 Server
15. Examining software update services and licenses

**EVALUATION OF STUDENT PERFORMANCE:**

Exams - 80%

Quizzes - 10%

Projects and Homework Assignments - 10%

**INSTRUCTIONAL MATERIALS:**

Required Textbook: Palmer, Michael, MCSE Guide to Microsoft Windows 2003 Server, Course Technology

Lab Manual: Palmer, Michael, MCSE guide to Microsoft Windows 2003 Server, Course Technology

LabSim for Windows 2003 Server, Course Technology