

JEFFERSON COLLEGE

COURSE SYLLABUS

CIS220

MS SERVER II

5 Credit Hours

Revised by: Douglas Hale
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CIS220 MS Server II

I. CATALOGUE DESCRIPTION

- A. Pre-requisites
 - 1. Reading Proficiency
 - 2. CIS154 MS Server I, with a Grade of “C” or Better
- B. 5 Credit Hours
- C. MS Server II prepares students to prove mastery of core Windows Server services, such as user and group management, network access, Group Policy, Active Directory, DNS, remote access, Network Policy Server, and data security. This course maps to the objectives for the Microsoft MS 70-411 exam. (F)

II. EXPECTED LEARNING OUTCOMES/CORRESPONDING ASSESSMENT MEASURES

Deploy, manage, and maintain Microsoft Windows Servers	Quizzes Exams Hands-On Exercises Certification Exam
Configure file and print services on Microsoft Windows Servers	Quizzes Exams Hands-On Exercises Certification Exam
Configure network services and access on Microsoft Windows Servers	Quizzes Exams Hands-On Exercises Certification Exam
Configure a Network Policy Server infrastructure	Quizzes Exams Hands-On Exercises Certification Exam
Configure and manage Microsoft Active Directory	Quizzes Exams Hands-On Exercises Certification Exam
Create and manage Microsoft Group Policy	Quizzes Exams Hands-On Exercises Certification Exam

III. OUTLINE OF TOPICS

- A. Deploying and Managing Server Images
- B. Implementing Patch Management
- C. Monitoring Servers
- D. Configuring Distributed File System (DFS)
- E. Configuring File Server Resource Manager (FSRM)
- F. Configuring File Services and Disk Encryption
- G. Configuring Advanced Audit Policies
- H. Configuring DNS Zones
- I. Configuring DNS Records
- J. Configuring VPN and Routing
- K. Configuring DirectAccess
- L. Configuring a Network Policy Server (NPS)
- M. Configuring NPS Policies
- N. Configuring Network Access Protection (NAP)
- O. Configuring Server Authentication (SA)
- P. Configuring Domain Controllers
- Q. Maintaining Active Directory (AD)
- R. Configuring Account Policies
- S. Configuring Group Policy Processing
- T. Configuring Group Policy Settings
- U. Managing and Configuring Group Policy Objects (GPOs)/Preferences

IV. METHOD(S) OF INSTRUCTION

- A. Lecture
- B. Discussion
- C. Hands-On Exercises

V. REQUIRED TEXTBOOK(S)

Microsoft Official Academic Course, *70-411 Administering Windows Server 2012 with Lab Manual and MOAC Labs Online Set*, (Current Edition), Wiley

VI. REQUIRED MATERIALS

USB Removable Storage Device (Flash Drive)

VII. SUPPLEMENTAL REFERENCES

None

VIII. METHODS OF EVALUATION

- A. Participation: 15%
- B. Hands-on Exercises: 20%
- C. Quizzes: 20%
- D. Exams: 40%
- E. Certification Exam (Pass/Fail): 5%

IX. ADA AA STATEMENT

Any student requiring special accommodations should inform the instructor and the Coordinator of Disability Support Services (Technology Center 101; phone 636-481-3169).

X. ACADEMIC HONESTY STATEMENT

All students are responsible for complying with campus policies as stated in the Student Handbook (see College Website, <http://www.jeffco.edu>).

XI. ATTENDANCE STATEMENT

Regular and punctual attendance is expected of all students. Any one of these four options may result in the student being removed from the class and an administrative withdrawal being processed: (1) Student fails to begin class; (2) Student ceases participation for at least two consecutive weeks; (3) Student misses 15 percent or more of the coursework; and/or (4) Student misses 15 percent or more of the course as defined by the instructor. Students earn their financial aid by regularly attending and actively participating in their coursework. If a student does not actively participate, he/she may have to return financial aid funds. Consult the College Catalog or a Student Financial Services representative for more details.

XII. OUTSIDE OF CLASS ACADEMICALLY RELATED ACTIVITIES

The U.S. Department of Education mandates that students be made aware of expectations regarding coursework to be completed outside the classroom. Students are expected to spend substantial time outside of class meetings engaging in academically related activities such as reading, studying, and completing assignments. Specifically, time spent on academically related activities outside of class combined with time spent in class meetings is expected to be a minimum of 37.5 hours over the duration of the term for each credit hour.