



Allied Technologies
Departmental Course Syllabus
CS21343 S - SERVER ADMINISTRATION (INET)

I. Course Catalog Description:

This course focuses on the skills needed to manage a Windows Server 2016 R2 Active Directory environment and provides an in- depth knowledge of Windows Server 2016 R2, Active Directory, and related services, such as Domain Name System, Certificate Services, Active Directory Lightweight Directory Services, Active Directory Rights Management Services, and Active Directory Federation Services. Several new features of Windows Server 2016 R2 are also covered, such as Hyper- V, read only domain controllers, Server Manager, and Server Core. Extensive lab activities solidify those skills.

II. Course Rationale:

Computers and their associated technologies are a vital part of today's business and personal environments. Increasingly, individuals and organizations look to computers to optimize workflow, establish a presence in global markets, improve communication, and just generally maximize return on investment. Because of this pervasive integration of computers and their associated technologies into today's society, individuals who have the knowledge and skills to support and maintain them are an asset in the workplace. This course provides students with knowledge about computer networks and the skills necessary to support and maintain them.

III. Program Learning Outcome: Configure, manage, monitor, and troubleshoot reliable and secure local area networking and Internet access.

Course Learning Outcomes:

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

- CLO1: Explain the core technologies of a server operating system
- CLO2: Demonstrate a server operating system installation
- CLO3: Plan, configure, and manage server roles and features
- CLO4: Describe the role of a directory service
- CLO5: Configure and manage group policy settings
- CLO6: Install and configure DNS server settings
- CLO7: Configure DHCP server settings

IV. Course Prerequisites

None

V. Required Texts and Materials

VI. Grading Scale

Grading Scale (%)	
90-100	A
80 - 89	B
70 - 79	C
60 - 69	D
0 - 59	F

VII. Course Policies:

Grades of "Incomplete": The current College policy concerning incomplete grades will be followed in this course. Incomplete grades are given only in situations where unexpected emergencies prevent a student from completing the course and the remaining work can be completed the next semester. Your instructor is the final authority on whether you qualify for an incomplete. Incomplete work must be finished by mid-term of the following semester or the "I" will automatically be recorded as an "F" on your transcript.

Email: Arkansas Northeastern College has partnered with Google to host email addresses for ANC students. myANCmail accounts are created for each student enrolled in the current semester and is the email address your instructor will use to communicate with you. Access your email account by going to <http://mail.google.com/a/smail.anc.edu> and using your first and last names, separated by a period for your username. Your default password is your Student ID, no hyphens. If you cannot access your student email, contact the MITS department at 762-1020 ext 1150 or ext 1207 or send an email to ANChelp@smail.anc.edu.

Internet: This course has an Internet component on myANC. myANC is Arkansas Northeastern College's web portal and Learning Management System (LMS). A personal UserID and password is required to access most of the portal. Your UserID is your StudentID and your password is the last four digits of your social security number.

If the last four digits of your social security number begin with zero, drop the zero and use the last three digits. myANC can be found at <http://myanc.anc.edu> or it may be accessed using the link on ANC's homepage, www.anc.edu. Help for a new user is available through the myANC Tutor tab found on myANC or by emailing ANChelp@smail.anc.edu.

Computer Labs: In addition to general-purpose classrooms, a number of computer laboratories are provided for instructional and student use. These networked laboratories are state-of-the-art and fully equipped with computers, printers, Internet connections and the latest software. The labs are open to students enrolled in one or more credit hours at the College.

Students using classroom, computer laboratory, or any ANC furnished PC must adhere to the policies and information set forth in "Documents to Read" near the bottom of the page at http://www.anc.edu/computer_labs/index.htm. In addition, NO FOOD OR DRINK will be permitted in the Computer Labs. Use of ANC computers may be monitored at any time. Computers with Internet access are also available in the ANC library.

Technology Support: A lab assistant is generally present in the computer lab in B202 for assistance in using the College computers. These assistants cannot help the student with course assignments; specific questions regarding the technology requirements for each course should be directed to the instructor of the course. Problems with myANC or College email accounts should be addressed by email to ANCHelp@smail.anc.edu.

Academic Integrity Policy: Academic dishonesty in any form will not be tolerated. Students are expected to do their own work. Plagiarism, using the words of others without express permission or proper citation, will not be tolerated. Any cheating (giving or receiving) or other dishonest activity will, at a minimum, result in a zero on that test or assignment and may be referred, at the discretion of the instructor, to the Department Chair and/or Vice President of Instruction for further action. If you are uncertain as to what constitutes academic dishonesty, please consult the Academic Integrity Policy for further details. (http://www.anc.edu/docs/Academic_Integrity_Policy.pdf)

Studying together is acceptable and encouraged because such can be helpful in learning; but each student is expected to prepare assignments and test alone based on his/her knowledge and individual effort unless the assignment is noted to be a group project.

IX. Chapter Outline & Learning Outcomes

https://www.testout.com/docs/teaching-aids/server-pro-2016/outline-testout-server-pro-2016-is-enus-4_0_x.pdf

