

**SEWARD COUNTY COMMUNITY COLLEGE
COURSE SYLLABUS**

I. TITLE OF COURSE: CS1413- Windows Server I

II. COURSE DESCRIPTION: 3 credit hours
3 credit hours of lecture and 0 credit hours of lab per week.

This course is designed to provide students with the process to install Windows Server through manual and automated routines, Active Directory services, networking protocols, routing and other server functions.

Part one of two courses that will prepare students for the Server+ certification.

For each unit of credit, a minimum of three hours per week with one of the hours for class and two hours for studying/preparation outside of class is expected.

Pre-requisite: None

III. PROGRAM AND/OR DEPARTMENT MISSION STATEMENT:

The CIS Program will provide superior learning opportunities in the area of information technology, utilizing state-of-the-art technology, for both CIS majors and non-CIS majors to enable all students to achieve their career and/or educational goals.

IV. TEXTBOOK AND MATERIALS:

Textbook selected when course is offered

V. SCCC OUTCOMES

Students who successfully complete this course will demonstrate the ability to do the following SCCC Outcomes.

1: Read with comprehension, be critical of what they read, and apply knowledge gained to real life

5: Demonstrate the ability to think critically by gathering facts, generating insights, analyzing data, and evaluating information

6: Exhibit skills in information and technological literacy

VI. COURSE OUTCOMES:

Upon completing of the Introduction to PC Systems Hardware course with 80% or higher mastery of course competencies, the student should be able to:

Install Windows Server

Configure Networking Components

Basic Disk Management

File System Security

Configure Active Directory Services

Understand Local and Wide Area Networks

Remote Access

Secure Network

VII. COURSE OUTLINE:

1. Install and configure Windows Server
2. Migrate from previous version
3. Topologies and networking techniques
4. Configure network using industry standards
5. Install a network printer
6. Basics of disk management and file system security
7. Plan, install, monitor and maintain Active Directory
8. Configure network protocols with routing
9. Deploy remote access
10. Use Microsoft Management Console
11. Configure and maintain accounts and policies
12. Secure the Windows Server installation

VIII. INSTRUCTIONAL METHODS:

Classroom lecture/discussion
Handouts, videos, on screen presentations
Demonstrations using projector
Hands-on computer lab projects both in teams and individually
Instructors will enforce the Academic Honor Code & Cheating Policy as set forth in the SCCC College Catalog. Students who fail to adhere to this policy will receive an F for the course final grade unless otherwise stated in the instructor's course policies.

IX. INSTRUCTIONAL AND RESOURCE MATERIALS:

Assorted periodical and newsletter articles as they apply to course
Miscellaneous personal computer hardware/software
Miscellaneous server hardware/software

X. METHODS OF ASSESSMENT:

Outcomes #1, #5, and #6 will be assessed by:
Hands-on lab assignments, quizzes and exams will assess student knowledge of the material covered.
Group assignments and projects will assess student ability to think critically by gathering and analyzing data and generating insight into problem solving methodology.

XI. ADA STATEMENT:

Under the Americans with Disabilities Act, Seward County Community College will make reasonable accommodations for students with documented disabilities. If you need support or assistance because of a disability, you may be eligible for academic accommodations. Students should identify themselves to the Dean of Students at 620-417-1106 or going to the Student Success Center in the Hobbie Academic building, room 149 A.