



## **CIS 215: Implementing Windows Server ONLINE**

### **COURSE SYLLABUS**

#### **COURSE INFORMATION**

CIS 215 Implementing Windows Server, 3 credits, PS #9169

Course Description: This course is designed to give the student a practical approach to the layout and configuration of the Microsoft Windows Server environment. The goal with this class is not only to aid in the MCITP certification but to also make use of the skills acquired in the previous courses that are offered.

#### **INSTRUCTOR**

Ken Quamme, Western Star Career and Technical Education Building, Room117, 701-774-4207, [Ken.Quamme@willistonstate.edu](mailto:Ken.Quamme@willistonstate.edu)

Office Hours: Monday, Wednesday & Friday: 8:00-9:00; Tuesday & Thursday 1:00-2:00 or by appointment

#### **TEXTBOOK & MATERIALS**

- Digital Text sponsored and support by Cisco Networking Academy, <https://www.testout.com>
- <http://padlet.com/ken.quamme/CIS215Fall2022>
- Notebook Computer
- Web Resources

#### **STUDENT LEARNING OUTCOMES**

##### **INSTITUTIONAL OUTCOMES**

1. Students will demonstrate effective communication skills.
2. Students will use reasoning skills to analyze and solve problems.

## PROGRAM OUTCOMES

1. Assemble a PC with components and install one or more operating systems resulting in a functioning PC.
2. Identify major network media types, including coaxial cable, UTP and fiber optic cable.
3. Design a small or medium sized computer network with media and configuring devices
4. Identify and secure PCs, servers, and networks
5. Understand and modify computer and networks for cyber security

## COURSE OUTCOMES

1. Students gain valuable experience with networking features and functionality available in Windows Server 2016. This course prepares students for TestOut's Server Pro 2016: Networking certification exam

## ASSESSMENT TASKS (FOR COURSE OUTCOMES)

- Documentation of tasks
- Online tests and quizzes
- Graded lab activities
- Project-based final assessment
- Final Assessment
- Participation
- Individual and group projects
- Course Feedback

## PROCESS SKILLS

Student Learning Outcomes will be assessed through a pre and post testing for each semester

## CONCEPTS & ISSUES

- Server command line
- Manage files and directories
- Command shell
- Environmental Variables
- Operating System troubleshooting
- Processes and jobs outputs

- DNS
- TCP/IP
- DHCP
- IP Address Management
- Routing & Remote Access
- DirectAccess
- Network Policy Server
- Distributed File Systems & Implement Software-Defined Networking

## **ASSESSMENT PORTFOLIO**

Students who are taking classes controlled by Williston State College are required to maintain an assessment portfolio on Blackboard for his/her time at WSC. For this class you should include evidence of completing institutional learning outcomes of what you learned in this class.

## **GRADING POLICY**

**The final grade for the course will be determined using the grade book provided in the approved Learning Management System (Netacad/Canvas) for this course at Williston State College.**

The following grading scale will be used to determine the final grade in the course.

- A = 90-100%
- B = 80-89%
- C = 70-79%
- D = 60-69%
- F = below 60%

**The following components will comprise your final grade in the course.**

- Install Windows Server OS 10%
- Configure Windows Server with Required Tasks 30%
- Chapter Quizzes 30%
- Final Presentation 15%
- Final Exam 10%
- ePortfolio 5%

## **LATE POLICY**

I do not accept late assignments. Please contact me if there is an extenuating circumstance to see if permission will be granted to submit an assignment late; 24- hour notice is preferred.

If you know you will be absent from class, you are still expected to get your work done. Time management is a critical component of life, often best learned in college. When applicable, make arrangements with me to receive an assignment or schedule an exam prior to your absentia. Unless these arrangements are made in advance, no late assignments will be accepted.

I'm willing to work with your circumstances to ensure your success; however, for this to be possible, there needs to be clear and open communication, initiated by you.

## **ACCESSIBILITY STATEMENT**

Williston State College is committed to providing equal access to students. If you have a disability which may impact your performance, attendance, or grades in this course that requires accommodations, you must first register with WSC Accessibility Support Services. Please note that classroom accommodations cannot be provided until your instructors receive an Accommodations Form, signed by you and the Accessibility Support Services Coordinator.

## **IMPORTANT DATES**

- Last day to drop: August 31, 2022
- Last day to withdraw: November 10, 2022
- For important dates concerning holidays, last date to withdraw from class, etc., please visit the WSC catalog available on the website: [www.willistonstate.edu](http://www.willistonstate.edu).

## **ACADEMIC RESOURCES**

Take advantage of academic resources available to you at Williston State College:

- Communication Lab: Supplemental instruction is provided to assist students who are either having difficulty or desiring extra help with specific subjects. The Communication Lab assists with composition, writing, communication, and public speaking. The Communication Lab is located in Stevens Hall 120. Students should make appointments at [wsc.writinglab@willistonstate.edu](mailto:wsc.writinglab@willistonstate.edu).
- Math Lab: Supplemental instruction is provided to assist students who are either having difficulty or desiring extra help with specific subjects. The Math Lab assists with all math needs. The Math Lab is located in Stevens Hall Science Lounge.
- Learning Commons: It's not just the Library anymore. In addition to the normal library functions (book checkout, research assistance, etc.), the Learning Commons serves a number of other functions. In the Learning Common you can check out study rooms, check out graphing calculators, utilize computers and print school related materials. Technical support for your online courses is also available in the Learning Commons. For technical support please stop in the Learning Commons or call 701.774.4590 or email [wsc.extendedlearning@willistonstate.edu](mailto:wsc.extendedlearning@willistonstate.edu). For library support or questions call 701.774.4226.

- SmarThinking: Web based program that offers live tutoring services in a variety of subject areas at no cost to the student. With SmarThinking you can access live tutors, ask a question and come back the next day for a response, and/or submit writing pieces to be reviewed. If you have further questions or need assistance in using this great tool, please stop in the Learning Commons in Stevens Hall or contact Katie Wenke at 701-774-4594.

## **STUDENT ACADEMIC INTEGRITY**

Work submitted for this course must follow Student Academic Integrity as cited in the WSC Student Code of Conduct:

Acts of cheating and plagiarism are prohibited. Cases of academic dishonesty may be treated as an academic matter or as a disciplinary matter at the discretion of the instructor.

Cheating is defined as fraud, deceit, or dishonesty in an academic assignment. It includes using or attempting to use materials or assisting others in using materials that are prohibited or inappropriate in the context of the academic assignment in question.

Plagiarism is presenting someone else's work or ideas as your own, with or without their consent, by incorporating it into your work without full acknowledgement. All published and unpublished material, whether in manuscript, printed or electronic form, is covered under this definition.

Self-plagiarism is the use of one's own previous work in another context without citing that it was used previously.

The instructor may reflect the incident of academic dishonesty through the assignment of the student's grade in the course. If the student has a grievance related to this action, that grievance would be directed to the Chair of the department in which the course is housed.

Alternatively, the instructor may refer the case as a disciplinary matter to the Vice President for Academic Affairs. The Vice President for Academic Affairs may refer the case to the Student Review Committee for action.

Breach of academic integrity may result in failure of the assignment, exam, and/or class.

## **STUDENT RESPONSIBILITIES:**

- You are expected to read the relevant materials and participate in class discussions in a timely manner.
- You are expected to respect your fellow students and the Instructor in online and on campus discussions.
- It is your responsibility to ask questions when you are uncertain about assignments or course materials.
- If you have questions concerning grades, you should contact the Instructor immediately. You are responsible for checking Blackboard in a timely fashion to ensure that the grade recorded is your correct grade.
- It is your responsibility to contact the Instructor as soon as possible if you are encountering any issues that would hinder your performance in this class.

- You are responsible for earning your grade (with the Instructor making every effort to help you learn the material).
- If you are concerned about your grade, you should speak to the Instructor NO LATER than mid-term. No consideration will be given to request to adjust your grade at the end of the semester unless there is an error in calculations.

## **GRIEVANCE POLICY**

Occasionally, students are dissatisfied with some dimension of the course. In such cases, students should first schedule a meeting with the instructor. If the student and instructor cannot reach a satisfactory resolution, the student should schedule a meeting with the Chair of the Department. (See the Student Code of Conduct.)

## **TITLE IX**

Survivors of sexual assault, domestic violence, and sexual harassment: please be aware that as an instructor, I am legally obligated to report all instances of sexual assault, domestic violence, and sexual harassment involving students. If you would like to speak to someone confidentially, please contact the WSC Counselor at (701)774-4212 (they are NOT mandated to report such instances).

## **FINAL EXAMS/ACTIVITIES**

Students are required to take the final examination or engage in the final activity on the date and at the time presented as part of the course syllabus. Exceptions may be made only in emergency situations and in the case of scheduling conflicts with college sponsored events by promptly submitting a written request detailing the circumstances to the instructor of the course. Your final exam is the week of December 12 – 15, 2022.

## **SCOPE AND SEQUENCE OF THE COURSE (SEPARTE DOCUMENT ATTACHED AND SUBJECT TO CHANGE)**

<b>Week</b>	<b>Date Range</b>	<b>Instruction Includes</b>
<b>1</b>	8/23 – 8/26	
<b>2</b>	8/29 - 9/2	
<b>3</b>	9/5 - 9/9	
<b>4</b>	9/12 – 9/16	
<b>5</b>	9/19 – 9/23	
<b>6</b>	9/26 – 9/30	
<b>7</b>	10/3 – 10/7	
<b>8</b>	10/10 – 10/14	
<b>9</b>	10/17 – 10/21	
<b>10</b>	10/24 – 10/28	
<b>11</b>	10/31 – 11/4	
<b>12</b>	11/7 – 11/11	
<b>13</b>	11/14 – 11/18	
<b>14</b>	11/21 – 11/25	

<b>Week</b>	<b>Date Range</b>	<b>Instruction Includes</b>
<b>15</b>	11/28 – 12/2	
<b>16</b>	12/5 – 12/19	
<b>Finals Week</b>	12/12 – 12/16	