



**CIST2412 Microsoft Server Installation and Maintenance
COURSE SYLLABUS
Online Asynchronous
Spring Semester 2023 (202314)**

Course Taught Fully Online Asynchronously (does not require students to be online at specific dates/times). Proctored Event is required.

COURSE INFORMATION

Credit Hours/Minutes: **4 / 4500 (6)**

Campus/Class Location: **Georgia Virtual Technical Connection (GVTC)/Blackboard ONLINE**

Class Meets: **Via Internet for 15 weeks**

Course Reference Number (CRN): **40028**

Preferred Method of Contact: **Southeastern Technical College Office 365 email**

INSTRUCTOR CONTACT INFORMATION

Instructor Name: **Mr. Jamie Powers**

Email: [Jamie Powers \(jpowers@southeasterntech.edu\)](mailto:jpowers@southeasterntech.edu)

Campus/Office Location: **2106 Building 2 Swainsboro Campus**

Office Hours: **9:30 am – 12:00 pm Monday - Thursday**

Phone: **478-289-2221**

Fax Number: **478-289-2276**

Tutoring Hours (if applicable): **Made by appointment with instructor by email**

SOUTHEASTERN TECHNICAL COLLEGE (STC) CATALOG AND HANDBOOK

Students are responsible for all policies and procedures and all other information included in Southeastern Technical College's [Catalog and Handbook \(https://catalog.southeasterntech.edu/\)](https://catalog.southeasterntech.edu/).

REQUIRED TEXT

No Text Purchase is required. Students will access the e-textbook which is included with the TestOut website course program. Students are required to purchase the Access Code: **TestOut Server Pro 2016: Install and Storage (70-740) ISBN: 978-1-935080-65-7** from the STC Bookstore or from [TestOut website](#). Students can use discount code **14-232TA on product website**. Students will be given the Testout registration information with the Blackboard course. Students will use the Blackboard LMS to create the TestOut account, therefore; an account is not directly made at TestOut website.

REQUIRED SUPPLIES & SOFTWARE

Use STC computers or a computer with XP, VISTA, Win 7, 8, or 10, 1.3 Ghz Processor, 512 MB RAM, up to 4.5 GB free hard drive space, DVD Drive, Monitor with 1024X768 resolution, sound card, Internet Explorer 7+ or **Google Chrome (preferred)**, Windows Media Player 10.0 or later, Adobe Reader, optional: 128 mb or higher USB Flash Drive. **Note: Students will be saving their work via the TESTOUT LabSim and thru BLACKBOARD.**

Internet access required. Students are required to have TestOut access code on the first day of class.

Note: Although students can use their smart phones and tablets to access their online course(s), exams, discussions, assignments, and other graded activities should be performed on a personal computer. Neither Blackboard nor Georgia Virtual Technical Connection (GVTC) provide technical support for issues relating to the use of a smart phone or tablet so students are advised to not rely on these devices to take an online course.

Students should not share login credentials with others and should change passwords periodically to maintain security.

COURSE DESCRIPTION

Provides students with knowledge and skills necessary to install, configure, manage, support and administer Windows Server.

MAJOR COURSE COMPETENCIES

1. Install Windows Server in Host and Computer Environments
2. Implement Storage Solutions
3. Implement Hyper-V
4. Implement Windows Containers
- 5. Implement High Availability**
6. Maintain and Monitor Server Environments

PREREQUISITE(S)

None

GENERAL EDUCATION CORE COMPETENCIES

Southeastern Technical College has identified the following general education core competencies that graduates will attain

1. The ability to utilize standard written English.
2. The ability to solve practical mathematical problems.
3. The ability to read, analyze, and interpret information.

STUDENT REQUIREMENTS (ONLINE)

Students are expected to complete all work shown on the attached lesson plan. Students will login to TestOut website, complete the reading, watch lecture/tutorial videos, and complete the lab and the exams for each module. Students are also expected to complete all tests and comprehensive problems on the dates specified on the attached calendar. **Assignments will be saved via the Blackboard and TestOut system.** Assignments are given with numerous days to complete; therefore no assignment will be accepted late. After the due date a grade of zero will be given. **CIST program students must earn a minimum grade of C in this course.** **Unannounced quizzes/assignments may be given. Students who miss an unannounced quiz or assignment will receive a grade of 0.**

COVID-19 MASK REQUIREMENT

Regardless of vaccination status, students are highly encouraged to wear masks or face coverings while in a classroom or lab at Southeastern Technical College. Masking may be implemented in some program areas (i.e. Health Sciences and Cosmetology) where students, faculty, and clients are in close proximity and social distancing cannot be maintained. This measure is being implemented to reduce COVID-19 related health risks

for everyone engaged in the educational process. Masks or face coverings must be worn over the nose and mouth, in accordance with the Centers for Disease Control and Prevention (CDC).

COVID-19 SIGNS AND SYMPTOMS

We encourage individuals to monitor for the signs and symptoms of COVID-19 prior to coming on campus.

If you have experienced the symptoms listed below or have a body temperature 100.4°F or higher, we encourage you to self-quarantine at home and contact a primary care physician's office, local urgent care facility, or health department for further direction. Please notify your instructor(s) by email and do not come on campus for any reason.

| COVID-19 Key Symptoms |
|--|
| Fever or felt feverish |
| Chills |
| Shortness of breath or difficulty breathing (not attributed to any other health condition) |
| Cough: new or worsening, not attributed to another health condition |
| Fatigue |
| Muscle or body aches |
| Headache |
| New loss of taste or smell |
| Sore throat (not attributed to any other health condition) |
| Congestion or runny nose (not attributed to any other health condition) |
| Nausea or vomiting |
| Diarrhea |
| In the past 14 days, if you: |
| Have had close contact with or are caring for an individual diagnosed with COVID-19 at home (not in healthcare setting), please do not come on campus and contact your instructor (s). |

COVID-19 SELF-REPORTING REQUIREMENT

Students, regardless of vaccination status, who test positive for COVID-19 or who have been exposed to a COVID-19 positive person, are required to self-report using <https://www.southeasterntech.edu/covid-19/>. Report all positive cases of COVID-19 to your instructor and [Stephannie Waters](mailto:swaters@southeasterntech.edu), Exposure Control Coordinator, swaters@southeasterntech.edu, 912-538-3195.

ONLINE ATTENDANCE

It is the student's responsibility to be academically engaged each week doing course related activities. The completion dates of these activities will be used to determine a student's last date of attendance in the event a student withdraws, stops attending, or receives an "F" (Failing 0-59) in a course.

Students will not be withdrawn by an instructor for attendance; however, all instructors will keep records of graded assignments and student participation in course activities. Students will be expected to complete all work required by the instructor as described in the individual course syllabus.

Students will have at least one week to complete tests and assignments. All tests and assignments are due at

11:55 pm on Monday of each week (unless Monday is a holiday, then assignments will be due Tuesday at 11:55 pm. Exceptions to the due dates of assignments due to jury duty, military duty, court duty, or required job training will be made at the discretion of the instructor.

STUDENTS WITH DISABILITIES

Students with disabilities who believe that they may need accommodations in this class based on the impact of a disability are encouraged to contact the appropriate campus coordinator to request services.

Swainsboro Campus: [Emily Jarrell \(ejarrell@southeasterntech.edu\)](mailto:ejarrell@southeasterntech.edu), 478-289-2259, Building 1, Room 1210.

Vidalia Campus: [Helen Thomas \(hthomas@southeasterntech.edu\)](mailto:hthomas@southeasterntech.edu), 912-538-3126, Building A, Room 165.

SPECIFIC ABSENCES

Provisions for Instructional Time missed because of documented absences due to jury duty, military duty, court duty, or required job training will be made at the discretion of the instructor.

PREGNANCY

Southeastern Technical College does not discriminate on the basis of pregnancy. However, we can offer accommodations to students who are pregnant that need special consideration to successfully complete the course. If you think you will need accommodations due to pregnancy, please make arrangements with the appropriate campus coordinator.

Swainsboro Campus: [Emily Jarrell \(ejarrell@southeasterntech.edu\)](mailto:ejarrell@southeasterntech.edu), 478-289-2259, Building 1, Room 1210.

Vidalia Campus: [Helen Thomas \(hthomas@southeasterntech.edu\)](mailto:hthomas@southeasterntech.edu), 912-538-3126, Building A, Room 165.

It is strongly encouraged that requests for consideration be made **PRIOR** to delivery and early enough in the pregnancy to ensure that all the required documentation is secured before the absence occurs. Requests made after delivery **MAY NOT** be accommodated. The coordinator will contact your instructor to discuss accommodations when all required documentation has been received. The instructor will then discuss a plan with you to make up missed assignments.

WITHDRAWAL PROCEDURE

Students wishing to officially withdraw from a course(s) or all courses after the drop/add period and prior to the 65% point of the term in which student is enrolled (date will be posted on the school calendar) must speak with a Career Counselor in Student Affairs and complete a Student Withdrawal Form. A grade of "W" (Withdrawn) is assigned for the course(s) when the student completes the withdrawal form.

Important – Student-initiated withdrawals are not allowed after the 65% point. After the 65% point of the term in which student is enrolled, the student has earned the right to a letter grade and will receive a grade for the course. Please note: Abandoning a course(s) instead of following official withdrawal procedures may result in a grade of "F" (Failing 0-59) being assigned.

Informing your instructor that you will not return to his/her course, does not satisfy the approved withdrawal procedure outlined above.

There is no refund for partial reduction of hours. Withdrawals may affect students' eligibility for financial aid for the current semester and in the future, so a student must also speak with a representative of the Financial Aid Office to determine any financial penalties that may be assessed due to the withdrawal. A grade of "W" will count in attempted hour calculations for the purpose of Financial Aid.

PROCTORED EVENT REQUIREMENT

In order to validate student identity for all online courses, students enrolled in online courses are **required** to complete one proctored event per online course. Students are required to bring a photo ID (STC Student ID, Driver's License, or Passport) to the proctored event. The proctored event will be administered on separate

days—once on the Vidalia campus and once on the Swainsboro campus. Students must attend one of the proctored sessions as scheduled on the Lesson Plan/Course Calendar. The event will be monitored by the instructor or by an approved proctor. The proctored event may be a major exam, assignment, or presentation, etc. that will count a minimum of 20% of the course grade. Students must attend one of the scheduled proctored sessions and will need to make arrangements with work, childcare, etc. The specific dates of the proctored event are scheduled on the Lesson Plan/Calendar for the online course.

Students living farther than 75 miles from either campus who cannot come to Southeastern Tech for the event must secure an approved proctoring site. The site and the proctor must meet Southeastern Technical College's requirements (instructor will provide more information and necessary forms if this is the case).

Note: Students taking proctored events off campus will utilize the Proctor Scheduling and Approval Form found in Blackboard within the Getting Started/Start Here and Proctoring Event area. The completed form should be submitted to the course instructor a minimum of two weeks prior to the proctored event. If approved, the instructor will notify the proctor.

Students arranging off-campus proctoring must take the event on one of the-originally scheduled days. Students who do not complete the proctored event as scheduled must submit a valid documented excuse within three business days after the scheduled event. If the excuse is approved by the instructor of the course, students must make arrangements with the instructor to makeup/reschedule the missed event. The penalty and makeup instructions will be at the instructor's discretion. Proctored events will be given after the 65% point of the semester. Students who do not complete the proctored event on the scheduled date and do not present a valid documented excuse within three business days of the scheduled event will be given a zero for the proctored event.

PROCTORING FEES

Students are not charged a proctoring fee when taking a proctored event at Southeastern Technical College or any other TCSG college. Students who choose to use an off-campus proctor may be assessed a proctoring fee by the proctoring site. In this instance, the student is responsible for payment.

The required proctored event for this class is an exam scheduled on the following dates and times: Vidalia Campus, Wednesday May 3, 2022 at 3:00 pm, 818 Gillis Building and on Swainsboro Campus, Wednesday May 3, 2022 at 10:00 am, Room 2106 Building 2. This is a Proctored Final Exam and will cover all modules.

MAKEUP GUIDELINES (TESTS, QUIZZES, HOMEWORK, PROJECTS, ETC.)

Contact your instructor to determine whether missed work may be made up and the content and dates for makeup work is at the discretion of the instructor.

ACADEMIC DISHONESTY POLICY

The Southeastern Technical College Academic Dishonesty Policy states that all forms of academic dishonesty, including but not limited to cheating on tests, plagiarism, collusion, and falsification of information, will call for discipline. The policy can also be found in the Southeastern Technical College Catalog and Handbook.

PROCEDURE FOR ACADEMIC MISCONDUCT

The procedure for dealing with academic misconduct and dishonesty is as follows:

1. First Offense

Student will be assigned a grade of "0" for the test or assignment. Instructor keeps a record in course/program files and notes as first offense. The instructor will notify the student's program advisor, academic dean, and the Registrar at the student's home campus. The Registrar will input the incident into Banner for tracking purposes.

2. Second Offense

Student is given a grade of "WF" (Withdrawn Failing) for the course in which offense occurs. The instructor will notify the student's program advisor, academic dean, and the Registrar at the student's home campus indicating a "WF" has been issued as a result of second offense. The Registrar will input the incident into Banner for tracking purposes.

3. Third Offense

Student is given a grade of "WF" for the course in which the offense occurs. The instructor will notify the student's program advisor, academic dean, and the Registrar at the student's home campus indicating a "WF" has been issued as a result of third offense. The Vice President for Student Affairs, or designee, will notify the student of suspension from college for a specified period of time. The Registrar will input the incident into Banner for tracking purposes.

STATEMENT OF NON-DISCRIMINATION

The Technical College System of Georgia (TCSG) and its constituent Technical Colleges do not discriminate on the basis of race, color, creed, national or ethnic origin, sex, religion, disability, age, political affiliation or belief, genetic information, veteran status, or citizenship status (except in those special circumstances permitted or mandated by law).

The following individuals have been designated to handle inquiries regarding the nondiscrimination policies:

| | |
|---|---|
| <p>American With Disabilities Act (ADA)/Section 504 - Equity- Title IX (Students) – Office of Civil Rights (OCR) Compliance Officer</p> | <p>Title VI - Title IX (Employees) – Equal Employment Opportunity Commission (EEOC) Officer</p> |
| <p>Helen Thomas, Special Needs Specialist Vidalia Campus 3001 East 1st Street, Vidalia Office 165 Phone: 912-538-3126 Email: Helen Thomas (hthomas@southeasterntech.edu)</p> | <p>Lanie Jonas, Director of Human Resources Vidalia Campus 3001 East 1st Street, Vidalia Office 138B Phone: 912-538-3230 Email: Lanie Jonas (ljonas@southeasterntech.edu)</p> |

ACCESSIBILITY STATEMENT

Southeastern Technical College is committed to making course content accessible to individuals to comply with the requirements of Section 508 of the Rehabilitation Act of Americans with Disabilities Act (ADA). If you find a problem that prevents access, please contact the course instructor.

GRIEVANCE PROCEDURES

Grievance procedures can be found in the Catalog and Handbook located on Southeastern Technical College's website.

ACCESS TO TECHNOLOGY

Students can now access Blackboard, Remote Lab Access, Student Email, Library Databases (Galileo), and BannerWeb via the mySTC portal or by clicking the Current Students link on the [Southeastern Technical College Website \(www.southeasterntech.edu\)](http://www.southeasterntech.edu).

TECHNICAL COLLEGE SYSTEM OF GEORGIA (TCSG) GUARANTEE/WARRANTY STATEMENT

The Technical College System of Georgia guarantees employers that graduates of State Technical Colleges shall possess skills and knowledge as prescribed by State Curriculum Standards. Should any graduate employee within two years of graduation be deemed lacking in said skills, that student shall be retrained in any State Technical College at no charge for instructional costs to either the student or the employer.

GRADING POLICY

| Assessment/Assignment | Percentage |
|------------------------------|-------------------|
| Discussion Boards | 10% |
| Labsim Labs | 30% |
| TestOut Custom Exams | 35% |
| Proctored Exam/Final Exam | 25% |

GRADING SCALE

| Letter Grade | Range |
|---------------------|--------------|
| A | 90-100 |
| B | 80-89 |
| C | 70-79 |
| D | 60-69 |
| F | 0-59 |

TENTATIVE—SUBJECT TO CHANGE

CIST 2412 Microsoft Server

Spring Semester 2023 Lesson Plan

Key: Min = minutes, ques = questions. OL = Online assignment, Jan = January, Feb= February, Mar= March, Apr=April

TESTOUT LabSim is used for CIST 2412. The activities prepare students for the Microsoft Exam. Students will complete designated activities as indicated below.

| Date | Module | Content | Assignments/Tests | Competency Area |
|---|--------------------------------------|---|---|---|
| <p>Tuesday Week 1 Jan 9- 17</p> | <p style="text-align: center;">1</p> | <p>First Day of Class: Class Introduction – Syllabus, Outline, Rules & Regulations coverage</p> <p>REQUIRED FOR THE COURSE Managing E-Mail Messages with STC Office 365 MAIL</p> <p>Login to Blackboard, click the first assignment and then enter the TestOut access code. DO NOT CREATE THE TESTOUT ACCOUNT THROUGH THEIR WEBSITE.</p> <p>Introduction</p> | <p>Logon to STUDENT MAIL: Send email to Instructor Reply to any Instructor email.</p> <p>Login to BLACKBOARD Getting Started – Start Here Items:</p> <ul style="list-style-type: none"> • Read all items • Complete STC Pledge Acknowledgement, Student Introduction Due by THIRD day of class (Required) • Familiarize yourself with Using Student Email (STC Office 365 Mail) from mySTC. <p>Click on the first Module link under lessons and enter your code. You must have the TestOut key code in order to start. To join the class, use the class crn number.</p> <p>For each module in the TestOut you will watch a video/demonstration, read the information given, complete graded lab simulations, and then answer the graded questions at the end. Make sure you complete the mouse icons and module exams to receive grades. Use the practice exams to prepare.</p> <p>Complete Module 1.0 (1 1/2 hours)</p> <p>1.1 Windows as a Server 1.2 Windows Server 2012 Interface Overview 1.3 Windows Server 2016 Interface Overview</p> <p>Week 1 assignments due 11:55 pm Jan 17</p> | <p style="text-align: center;">a, c</p> <p style="text-align: center;">1, a-c</p> |
| <p>Week 2 Jan 17 -23</p> | <p style="text-align: center;">2</p> | <p>Server Installation</p> <p>Jan 20 Holiday</p> | <p>Complete Module 2.0 (2 1/2 hours)</p> <p>2.1 Server 2012 Installation 2.2 Server 2016 Installation 2.3 Server Upgrade and Migration</p> <p>Complete Discussion Board 1 Complete Module 2 Exam</p> <p>Week 2 assignments due 11:55 pm Jan 23</p> | <p style="text-align: center;">1, a-c</p> |

| Date | Module | Content | Assignments/Tests | Competency Area |
|--------------------------|--------|----------------------|--|-----------------|
| Week 3 Jan 24 - 30 | 3 | Server Configuration | Complete Module 3.0 (5 hours) Complete Discussion Board 2 3.1 PowerShell 3.2 Server Roles 3.3 Server Core Deployment 3.4 Remote Server Management 3.5 Image Servicing 3.6 Nano Server Deployment Complete Module 3 Exam Week 3 assignments due 11:55 pm Jan 30 | 6, a-c |
| Week 4 Jan 31 - Feb 6 | 4 | Networking | Complete Module 4.0 (4 hours) 4.1 IPv4 Addressing 4.2 IPv6 Addressing 4.3 Windows Firewall 4.4 Advanced Networking Complete Module 4 Exam Week 4 assignments due 11:55 pm Feb 6 | 1,6, a-c |
| Week 5 Feb 7 - 13 | 5 | Server Storage | Complete Module 5.0 (5 hours) 5.1 Traditional Storage 5.2 VHD Storage 5.3 Storage Pools 5.4 iSCSI Storage 5.5 Data Deduplication Complete Module 5 Exam Week 5 assignments due 11:55 pm Feb 13 | 2, a-c |
| Week 6 Feb 14 - 20 | 6 | Hyper-V | Complete Module 6.0 (6 hours) 6.1 Virtualization Deployment 6.2 Virtual Machines 6.3 Virtual Machine Storage 6.4 Virtual Networks 6.5 Virtual Network Optimization 6.6 Virtual Machine Movement Complete Module 6 Exam Complete Discussion Board 3 Week 6 assignments due 11:55 pm Feb 20 | 3, a-c |

| Date | Module | Content | Assignments/Tests | Competency Area |
|-----------------------------|--------|--|---|-----------------|
| Week 7 Feb 21 – 27 | 7 | Active Directory | Complete Module 7.0 (7 1/2 hours) 7.1 Active Directory 7.2 Domain Controllers 7.3 Sites 7.4 Organizational Units 7.5 Users Accounts 7.6 Bulk User Operations 7.7 Computer Accounts 7.8 Groups 7.9 Rights Delegation 7.10 Azure AD Complete Module 7 Exam Week 6 assignments due 11:55 pm Feb 27 | 1,6, a-c |
| Week 8 Feb 28 - Mar 6 | 8 | Group Policy | Complete Module 8.0 (6 hours) 8.1 Group Policy Foundation 8.2 Group Policy Management 8.3 Password Policies 8.4 Audit Policies 8.5 User Rights Assignment 8.6 Security Options 8.7 Restricted Groups 8.8 Application Restriction Policies 8.9 Group Policy Preferences Complete Module 8 Exam Complete Discussion Board 4 Week 8 assignments due 11:55 pm Mar 6 | 1,6, a-c |
| Week 9 Mar 7 - 13 | 9 | DNS School closed on March 5 | Complete Module 9.0 (4 1/2 hours) 9.1 DNS Overview 9.2 Name Resolution 9.3 Zone Management 9.4 DNS Records 9.5 DNS Troubleshooting Complete Module 9 Exam Week 9 assignments due 11:55 pm Mar 13 | 1,6, a-c |

| Date | Module | Content | Assignments/Tests | Competency Area |
|-----------------------------|--------------|--|---|-----------------|
| Week 10 Mar 14 - 20 | 10 11 | File and Share Access Print and Document Services | Complete Module 10.0 (4 1/2 hours) 10.1 File Access 10.2 Access-based Enumeration (ABE) and Volume Shadow Copy (VSS) 10.3 SMB Shares 10.4 NFS Shares 10.5 NTFS Permission Troubleshooting Complete Module 10 Exam Complete Module 11.0 (1 1/2 hours) 11.1 Print Servers 11.2 Print Management Complete Module 11 Exam Week 10 assignments due 11:55 pm Mar 20 | 1,6, a-c |
| Week 11 Mar 21 - 27 | 12 | Server Management | Complete Module 12.0 (5 hours) 12.1 Windows Software Update Services (WSUS_ 12.2 Malware Protection 12.3 Windows Server Backup 12.4 Windows Server Restore 12.5 Performance Monitoring Complete Discussion Board 5 Complete Module 12 Exam Week 11 assignments due 11:55 pm Mar 27 | 6, a-c |
| Week 12 Mar 28 Apr 10 | 13 | DHCP | Complete Module 13.0 (3 hours) 13.1 DHCP Basics 13.2 DHCP Exclusions and Reservations 13.3 DHCP Centralization 13.4 DHCP Troubleshooting Complete Module 13 Exam Week 12 assignments due 11:55 pm Apr 10 | 1,6, a-c |
| Week 13 Apr 11 - 17 | 14 | Containers | Complete Module 14.0 (2 1/2 hours) 14.1 Container Overview 14.2 Container Host Installation 14.3 Container Deployment 14.4 Container Management Complete Module 14 Exam Week 13 assignments due 11:55 pm Apr 17 | 4, a-c |

| Date | Module | Content | Assignments/Tests | Competency Area |
|------------------------------|--------|----------------------|---|-----------------|
| Week 14 Apr 18 - 24 | 15 | High Availability | Complete all items from Module 15.0 (6 1/2 hours) 15.1 Network Load Balancing 15.2 Network Load Balancing Management 15.3 Failover Clustering 15.4 Failover Cluster Management 15.5 Failover Cluster Role Management 15.6 Hyper-V Replication and Migration 15.7 Hyper-V High Availability 15.8 Storage Replica 15.9 Highly Available Storage Specs Week 14 assignments due 11:55 pm Apr 24 | 5, a-c |
| Week 15 Apr 25 – May 2 | | | Practice Capstone. Repeat module labsims. Week 15 assignments due 11:55 pm May 2 | |
| May 3 | FINAL | CAPSTONE EXAM | Complete the Proctored Final Exam at STC, Exam schedule in syllabus above under Proctored Event information (Simulated scenario questions come from the labs) MUST OBTAIN PASSWORD FROM INSTRUCTOR | 1-6, a-c |

COMPETENCY AREAS: (WILL VARY FOR EACH COURSE/TAKEN FROM STATE STANDARDS)

1. Install Windows Server in Host and Computer Environments
2. Implement Storage Solutions
3. Implement Hyper-V
4. Implement Windows Containers
- 5.** Implement High Availability
6. Maintain and Monitor Server Environments

GENERAL CORE EDUCATIONAL COMPETENCIES

- a) The ability to utilize standard written English.
- b) The ability to solve practical mathematical problems.
- c) The ability to read, analyze, and interpret information.

Discussion Board Grading Rubrics:

| # of discussion posts | # of discussion replies | Grade | Due Date, Length, Grammar and Spelling Requirements |
|-----------------------|-------------------------|-------|---|
| 1 | 1 | 100 | Students who post their initial discussion board response to the discussion board topic and reply to at least one other student's post will be given a 100 on the assignment <u>if</u> the post is turned in by the due date, contain 4-5 sentences and free of grammatical and spelling errors. The student will receive a one point deduction for each grammatical and spelling error in both their response and reply. A 10 point deduction will be given for any response or reply that is not 4-5 sentences in length. No credit will be given for any response or reply that is simply an answer of "yes/no" or "I agree/disagree." Replying to your own post is NOT considered a reply. |
| 1 | 0 | 70 | Any student that does not respond to at least one other student's post will not receive a grade above 70. The grade of 70 will be the highest grade that the student will be able to receive on the discussion post if the post is turned in by the due date, contain 4-5 sentences and free of grammatical errors and spelling errors. The student will receive a one point deduction for each grammatical and spelling error in their response. A 10 point deduction will be given for any response that is not 4-5 sentences in length. No credit will be given for any response or reply that is simply an answer of "yes/no" or "I agree/disagree." Replying to your own post is NOT considered a reply. |
| 0 | 1 | 50 | Students who only respond to one other student's post will not receive a grade above 50. The grade of 50 will be the highest grade that the student will be able to receive on the discussion response if the response is turned in by the due date, contain 4-5 sentences and free of grammatical errors and spelling errors. The student will receive a one point deduction for each grammatical and spelling error in their reply. A 10 point deduction will be given for any reply that is not 4-5 sentences in length. No credit will be given for any response or reply that is simply an answer of "yes/no" or "I agree/disagree." Replying to your own post is NOT considered a reply. |
| 0 | 0 | 0 | Students will receive a 0 on the discussion topic if the student does not post an answer or response to one other students' post by the due date. No credit will be given for any response or reply that is simply an answer of "yes/no" or "I agree/disagree." Replying to your own post is NOT considered a reply. |