CIST1135 Operating Systems & Virtual Cloud Computing

COURSE SYLLABUS
Hybrid
Spring Semester 2018
TENTATIVE – SUBJECT TO CHANGE

COURSE INFORMATION

Credit Hours/Minutes: **4 / 4500 (6)**
Class Location: **Georgia Virtual Technical Connection (GVTC)/Blackboard and Room 818 Medical Technology Building Vidalia Campus**
Class Meets: **Traditional as HYBRID / 15 ½ weeks Tuesday & Thursday 8:30 am– 10:00 am (60% Face-to-Face & 40% as on ONLINE)**
Course Reference Number (CRN): **40031**
Preferred Method of Contact: **Southeastern Technical College Office 365 email**

INSTRUCTOR CONTACT INFORMATION

Instructor Name: **Ms. Stephanie Moye**
Office Location: **813 Gillis Building**
Office Hours: **2:00 – 4:30 Monday – Thursday**
Email: Stephanie Moye (**smoye@southeasterntech.edu**)
Phone: **912-538-3161**
Fax Number: **912-538-3106**
Tutoring Hours (if applicable): **Made by appointment with instructor**

This course is taught in a hybrid format. Hybrid classes require students to complete a portion of the required contact hours traditionally by attending classes on campus while completing the remaining portion online at the student's convenience with respect to the instructor's requirements.

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 (http://www.southeasterntech.edu/student-affairs/catalog-handbook.php).

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 PC Pro ISBN 978-1-935080-42-8** from the **Southeastern Technical College bookstore (stcbookstore@southeasterntech.edu) or 912-538-3129** or from TestOut Website (**www.TestOut.com)**. TestOut PC Pro will be used for the CIST1135 and CIST1122 and will only need to be purchased once. Students will be given the registration information before class begins. Students who prefer to purchase a book as a resource, may obtain the book information from the instructor.

REQUIRED SUPPLIES & SOFTWARE

Use Southeastern Technical College 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 **Internet Explorer (preferred)**, Windows Media Player 10.0 or later, Adobe Reader, optional: 128 mb or higher USB Flash Drive <u>Note</u>**: 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.

COURSE DESCRIPTION

Provides an overview of modern operating systems and their use in home and small business environments. Activities will utilize the graphical user interface (GUI) and command line environment (CLI). This will include operating system fundamentals, managing storage, file systems, hardware and system resources, troubleshooting, diagnostics, and maintenance of operating systems, networking, virtual operating systems, and cloud environments. This course is designed to help prepare students for the CompTIA A+ certification examination.

MAJOR COURSE COMPETENCIES

Operating System Fundamentals; Installing, Configuring, and Updating Operating Systems; Managing Storage, File Systems, Hardware, and System Resources; Troubleshooting, Diagnostics, and Maintenance of Operating Systems; Networking, Virtual/Cloud Computing.

PREREQUISITE(S)

Program Admission

COURSE OUTLINE

Operating System Fundamentals; Installing, Configuring, and Updating Operating Systems; Managing Storage, File Systems, Hardware, and System Resources; Troubleshooting, Diagnostics, and Maintenance of Operating Systems; Networking, Virtual/Cloud Computing.

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 (HYBRID)

Students are expected to complete all work shown on the attached assignment sheet. 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 TestOut and Blackboard learning system.** Assignments are given with numerous days to complete; therefore, <mark>no assignment will be accepted late</mark>. <mark>After the due date a grade of zero will be given.</mark> 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 are responsible for policies and

procedures included in the Southeastern Technical College (STC) *Catalog and Handbook*. **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.**

- **Discussion Board topics** must be appropriate to the class. Spelling and grammar are considered part of the grade. Posted content should fully answer the question. Short 1 to 2 sentence posts will not be sufficient. See Discussion Board rubric below. **Complete your initial post by Wednesday and all replies by the Monday due date.**
- **EMAILS: Prefer method of communication should be thru Southeastern Technical College Office 365 MAIL**. Make sure that you always type your name and class in the subject line of every email you send me so I know which class you are in. **For example: CIST1135 Moye**
- **CHECKING GRADES:** A grade book is made available in the BLACKBOARD course on the main page by clicking the MY GRADES link when students log in. This grade book is for students to review and is continuously updated throughout the semester. Students can view their grades at any time to see the individual grades for each assignment. The overall percentage averages should display in the grade book to help track course progress.
- **SURFING THE WEB WHILE IN CLASS:** For each time a student is caught on Facebook or a site that is not approve by the instructor, student will be dismissed from class with an absence given for attendance.
- **CELL PHONE USING IN CLASS***: Cell phone usage is not allowed in the classroom. Any student caught using a phone or answering a call during class will have a 5 point deduction on the next Exam/Test.
- **No Harm No Foul Policy:** It is the student's responsibility to drop courses during the first three days by completing a withdrawal form with a Counselor in Student Affairs. If a student comes to class during the first three days or any day during this time, the student will be dropped with no penalty **only if** they have completed the Withdrawal Form with Student Affairs by the close of business on the third business day of the quarter. (For **SPRING** semester, that day will be January 10, 2018.) **The student must formally withdraw from classes in order to receive the no harm-no foul benefit.**

HYBRID ATTENDANCE

Class attendance is a very important aspect of a student's success. Being absent from class prevents students from receiving the full benefit of a course and also interrupts the learning process. Southeastern Technical College considers both tardiness and leaving early as types of absenteeism. Responsibility for class attendance rests with the student. Regular and punctual attendance at all scheduled classes is required for student success. Students will be expected to complete all work required by the instructor as described in the individual course syllabus.

Instructors have the right to give unannounced quizzes/assignments. Students who miss an unannounced quiz or assignment will receive a grade of 0. Students who stop attending class, but do not formally withdraw, may receive a grade of F (Failing 0-59) and face financial aid repercussions in upcoming semesters.

Instructors are responsible for determining whether missed work may be made up and the content and dates for makeup work is at the discretion of the instructor.

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. 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 in a course.

SPECIAL NEEDS

Students with disabilities who believe that they may need accommodations in this class based on the impact of a disability are encouraged to contact Helen Thomas (hthomas@southeasterntech.edu), 912-538-3126, to coordinate reasonable accommodations.

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 advise me and make appropriate arrangements with Helen Thomas (hthomas@southeasterntech.edu), 912-538-3126.

WITHDRAWAL PROCEDURE

Students wishing to officially withdraw from a course(s) or all courses after the drop/add period and prior to the 65% portion of the semester (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 when the student completes the withdrawal form from the course.

Students who are dropped from courses due to attendance (see your course syllabus for attendance policy) after drop/add until the 65% point of the semester will receive a "W" for the course. Abandoning a course(s) instead of following official withdrawal procedures may result in a grade of 'F' being assigned.

After the 65% portion of the semester, the student will receive a grade for the course. (Please note: A zero will be given for all missed assignments.)

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 accessed due to the withdrawal. All grades, including grades of 'W', will count in attempted hour calculations for the purpose of Financial Aid.

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

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

Students are required to take all tests scheduled during the semester. Failure to take Tests/Exam(s), and assignments **will result in a grade of zero. There will be no makeup of assignments or EXAMS.** If Internet or browser failure occurs, contact instructor immediately. A decision will be made at that time if the assignment/exam will be reset. Instructor reserves the right to deduct points from the scores for exceeding the scheduled time limit on the assignment/exam. **Note**: If student notifies instructor about problems because of technical issues <u>after the due date</u> or on the last day of the semester, the student will **NOT** be allowed to make-up the assignment. **No exceptions!   Assignments must be turned in on the assigned date and will not be accepted late, a grade of zero will be given. <u>All Assignments are due according to the lesson plan. The due dates are posted on the lesson plan. Weeks start on Tuesday and end on Monday with assignments due on Monday at midnight. See Lesson Plan. Makeups are not allowed for unannounced quizzes/assignments.</u>**

ACADEMIC DISHONESTY POLICY

The Southeastern Technical College Academic Dishonesty Policy states 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 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, disabled veteran, veteran of the Vietnam Era, spouse of military member or citizenship status (except in those special circumstances permitted or mandated by law). This school is in compliance with Title VI of the Civil Rights Act of 1964, which prohibits discrimination on the basis of race, color, or national origin; with the provisions of Title IX of the Educational Amendments of 1972, which prohibits discrimination on the basis of gender; with the provisions of Section 504 of the Rehabilitation Act of 1973, which prohibits discrimination on the basis of handicap; and with the American with Disabilities Act (ADA).

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

American With Disabilities Act (ADA)/Section 504 - Equity- Title IX (Students) – Office of Civil Rights (OCR) Compliance Officer	Title VI - Title IX (Employees) – Equal Employment Opportunity Commission (EEOC) Officer
Helen Thomas, Special Needs Specialist Vidalia Campus 3001 East 1st Street, Vidalia Office 108 Phone: 912-538-3126 Email: Helen Thomas hthomas@southeasterntech.edu	Blythe Wilcox, Director of Human Resources Vidalia Campus 3001 East 1st Street, Vidalia Office 138B Phone: 912-538-3147 Email: Blythe Wilcox bwilcox@southeasterntech.edu

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's Website (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
LabSims	25%
Discussion Boards	10%
Exam Questions	25%
Domain Exams	20%
Final Exam	20%

GRADING SCALE

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

Grade of D or below results in student repeating the class

DISCLAIMER STATEMENTS

Instructor reserves the right to change the syllabus and/or lesson plan as necessary.
The official copy of the syllabus is located inside the student's online course shell or will be given to them during face to face class time the first day of the semester. The syllabus displayed in advance of the semester in a location other than the course you are enrolled in is for planning purposes only.

Discussion Board Grading Rubrics:

Criteria Weight	Exceptional 100	Proficient 90	Satisfactory 70	Poor 50	Unacceptable 0
Grammar/ Spelling 25.00 %	• No grammatical or spelling errors **(25 points)**	• Grammatical and spelling errors are few and cause no comprehension problems. **(22.5 points)**	• Grammatical and spelling errors cause the reader to reread many parts of the post. **(17.5 points)**	• Grammatical and spelling errors are frequent making posts confusing to read and comprehend. **(12.5 points)**	• Grammatical and spelling errors are so numerous that the post is hard or impossible to comprehend. **(0 points)**
Posts & Word Count 25.00%	• Posts early to allow time to read and reply • Publishes at least one original post and at least one reply • 125 - 150 words in main thread **(25 points)**	• Posts early to allow others time to read and reply • Publishes one post and one reply • 80 – 124 words in main thread **(22.5 points)**	• Posts at the last minute without allowing enough time for others to read and reply. • Publishes one post and no replies • 26 – 79 words in main thread **(17.5 points)**	• Posts at the last minute without allowing enough time for others to read and reply. • Publishes no posts and one reply • 0-25 words in main thread **(12.5 points)**	• Publishes no posts or replies **(0 points)**
Critical Thinking NO COPYING AND PASTING FROM WEBSITES. If any information comes from a website it must be cited as a resource. 25.00%	• Content provides a thorough frame of reference for comprehending the solution; • an original solution is provided. • Numerous Resources listed **(25 points)**	• Content provides appropriate factual data but is not original or complete to solve problem or topic. • Resources listed **(22.5 points)**	• Content attempts to solve problem or topic but is too vague or disorganized to completely comprehend solution. • Few resources listed **(17.5 points)**	• Content is not a realistic solution to the problem or topic. • One resource listed **(12.5 points)**	• Content fails to offer a conscientious solution to selected problem or topic. • No resource listed **(0 points)**
Explanation 25.00%	• All Steps are covered. • Questions are answered correctly. **(25 points)**	• Most Steps are covered and answered correctly. **(22.5 points)**	• Most steps are covered but not answered correctly. **(17.5 points)**	• Less than half of the steps are covered and answered correctly. **(12.5 points)**	• Less than half of the steps are covered and not answered correctly. • **(0 points)**

CIST1135 Operating Systems & Virtual Cloud Computing

Spring Semester 2018 Lesson Plan FY201814 Tentative – Subject to Change

Key: Jan = January, Feb = February, Mar = March, Apr = April, min = minutes, ques = questions

Week/Date	Modules	Content: SUBJECT TO CHANGE	Assignments & Tests Due Dates	Competency Area
Mon Jan 8		Getting Started – Class Introduction – Syllabi, Outline, Work Ethics, Rules, and Regulations Coverage **Login to TestOut** and enter the registration information given to you by the instructor. **Print the TestOut assignments sheets from Blackboard to use as a checkoff sheet.**	**Semester Begins TESTOUT LabSim is used for CIST 1135 and CIST 1122. The activities in CIST 1135 prepare students for the CompTIA 220-802 Exam. Students will complete designated activities for CIST 1135 as indicated on each assignment sheet. The activities that are not completed in CIST 1135, will be done is CIST 1122** Reply to **Welcome Email** from your Instructor. **Logon to the course on Blackboard** Read all documents located under **Getting Started** - **Start Here** folder. Complete the **Acknowledgment Pledge** and the **Student Introduction Acknowledgement** discussion before beginning course work. (online assignment) **DUE by THIRD day of class (Required)** **You must have the TestOut keycode in order to start.** **Click on the first Module link under lessons and enter your code.** 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 practice questions to receive grades.**	a, c

Week/Date	Modules	Content: SUBJECT TO CHANGE	Assignments & Tests Due Dates	Competency Area
Week 1 Jan 9 – 15	1.0	**Computing Overview** **January 15 Holiday**	Complete from **Module 1.0** Computing Overview • 1.1 Course Introduction (7 minutes) • 1.2 Using the Simulator (43 min) (Online assignment) • 1.4 Windows Basics (55 min & 10 ques) • 1.5 Linux Basics (44 min & 6 ques) (Online assignment) • 1.6 Mac OS Basics (32 min & 5 ques) **Week 1 assignments due before midnight Jan 15**	1 a,c
Week 2 Jan 16 - 22	5.0	**Storage**	Complete from **Module 5.0** Storage • 5.5 File Systems (59 min & 10 ques) • 5.6 File System Creation (55 min & 6 ques) (Online assignment) • 5.7 Storage Management (40 min & 8 ques) • **Discussion Board 1** • 5.8 Storage Spaces (36 min & 5 ques) • 5.9 Disk Optimization (57 min & 6 ques) (Online assignment) • 5.10 Storage Troubleshooting (39 min & 10 ques) **Week 2 assignments due before midnight Jan 22**	3 a,b,c
Week 3 Jan 23 – 29	6.0 7.0	**Networking Printing**	Complete from **Module 6.0** Networking • 6.12 Network Utilities (70 min & 7 ques) (Online assignment) • 6.13 HomeGroup Networking (21 min & 5 ques) Complete from **Module 7.0 – Printing** • 7.4 Printing Management (43 min & 5 ques) (Online assignment) **Week 3 assignments due before midnight Jan 29**	3,5 a, c

Week/Date	Modules	Content: SUBJECT TO CHANGE	Assignments & Tests Due Dates	Competency Area
Week 4 Jan 30 – Feb 5	8.0	**Mobile Devices**	Complete from **Module 8.0 Mobile Devices** • 8.3 Notebook Power Management (40 min & 6 ques) (Online assignment) • 8.5 Mobile Devices (35 min & 10 ques) • **Discussion Board 2** • 8.6 Mobile Device Networking (39 min) (Online assignment) • 8.7 Mobile Device Security (26 min & 5 ques) • 8.8 Mobile Device Troubleshooting (25 min & 5 ques) **Week 4 assignments due before midnight Feb 5**	2,3 a,b,c
Week 5 Feb 6 – 12	9.0	**System Management**	Complete from **Module 9.0 Windows System Management** • 9.1 Windows System Tools (98 min & 10 ques) (Online assignment) • 9.2 Preferences and Settings (33 min & 7 ques) • 9.3 Performance Monitoring (31 min & 6 ques) • 9.4 Users and Groups (75 min & 13 ques) (Online assignment) • 9.5 Remote Services (69 min & 9 ques) • 9.6 Windows Application Management (64 min & 9 ques) (Online assignment) • 9.7 Linux Application Management (31 min & 5 ques) **Week 5 assignments due before midnight Feb 12**	1,2,3,4 a,c

Week/Date	Modules	Content: SUBJECT TO CHANGE	Assignments & Tests Due Dates	Competency Area
Week 6 Feb 13 – 19	9.0	**System Management**	Complete from **Module 9.0 Windows System Management** • 9.8 Digital Content Management (27 min & 5 ques) • 9.9 Updates (48 min & 7 ques) (Online assignment) • 9.10 System Backup (69 min & 15 ques) • 9.11 System Protection (45 min & 6 ques) (Online assignment) • 9.12 System Recovery (55 min & 7 ques) • 9.13 Virtual Memory (31 min & 6 ques) (Online assignment) • 9.14 Operating System Troubleshooting (56 min & 10 ques) • 9.15 Windows Boot Errors (84 min & 12 ques) (Online assignment) **Week 6 assignments due before midnight Feb 19**	1,2,3,4 a,c
Week 7 Feb 20 – 26	10.0	**System Implementation**	Complete from **Module 10.0 Windows System Management** • 10.2 Windows Pre-installation (48 min & 11 ques) (Online assignment) • 10.3 Windows Installation (50 min & 12 ques) • 10.4 Post Installation (43 min & 8 ques) (Online assignment) • 10.5 Virtualization (59 min & 6 ques) **Week 7 assignments due before midnight Feb 26**	2,6 a,b,c

Week/Date	Modules	Content: SUBJECT TO CHANGE	Assignments & Tests Due Dates	Competency Area
Week 8 Feb 27 – Mar 5	11.0	**File Management** **SEMESTER MIDTERM MARCH 1**	Complete from **Module 11.0 Windows System Management** • 11.1 Windows File Locations (39 min & 10 ques) • **Discussion Board 3** • 11.2 Managing Files on Windows (92 min & 14 ques) (Online assignment) • 11.3 NTFS Permissions (46 min & 11 ques) • 11.4 Shared Folders (67 min & 9 ques) (Online assignment) • 11.5 Linux File Management (60 min & 6 ques) **Week 8 assignments due before midnight Mar 5**	3,4,5 a,c
Week 9 Mar 6 – Mar 12	12.0	**Security**	Complete from **Module 12.0 Security** • 12.1 Best Practices (38 min & 8 ques) • 12.2 Incident Response (28 min & 6 ques) • 12.3 Physical Security (47 min & 9 ques) (Online assignment) • 12.4 Social Engineering (26 min & 9 ques) • 12.5 BIOS/UEFI Security (34 min & 7 ques) (Online assignment) • 12.6 Malware Protection (64 min & 10 ques) (Online assignment) **Week 9 assignments due before midnight Mar 12**	4,5,6 a,c

Week/Date	Modules	Content: SUBJECT TO CHANGE	Assignments & Tests Due Dates	Competency Area
Week 10 Mar 13 – Mar 19	12.0	**Security**	Complete from **Module 12.0 Security** • 12.7 Authentication (73 min & 13 ques) (Online assignment) • 12.8 File Encryption (52 min & 9 ques) • 12.9 Network Security (46 min & 14 ques) (Online assignment) • 12.10 Firewalls (45 min & 9 ques) • 12.11 Proxy Servers (29 min & 8 ques) • 12.12 VPN (34 min & 8 ques) (Online assignment) • 12.13 Security Troubleshooting (40 min & 14 ques) **Week 10 assignments due before midnight Mar 19**	4,5,6 a,c
Week 11 Mar 20 – Mar 26	**13.0**	**Capstone Exercises** <mark>65% Point</mark>	Complete from **Module 13.0 Capstone Exercises** • 13.4 Create a Home Office Network • 13.5 Configure the Windows Operating System • 13.6 Troubleshoot a Mobile Device • 13.7 Configure Linux **Discussion Board 4** (Online assignment) **Week 11 assignments due before midnight Mar 26**	2,4 a.c
Week 12 Mar 27 – Apr 9		**C. CompTia 220-902 Practice Exams**	**Complete C.1 Preparing for Certification** • Exam – **C.2 Domain 1:** Windows Operating Systems (235 ques) (Online assignment) • Exam – **C.3 Domain 2**: Other Operating Systems and Technologies (46 ques) **Week 12 assignments due before midnight Apr 9**	1-6 a,b,c
Apr 2 – Apr 5		**Spring HOLIDAYS**	**NO CLASSES**	NA

Week/Date	Modules	Content: SUBJECT TO CHANGE	Assignments & Tests Due Dates	Competency Area
Week 13 Apr 9 – Apr 16		**C. CompTia 220-902 Practice Exams**	**Complete C.1 Preparing for Certification** • Exam – **C.4 Domain 3:** Security (134 ques) (Online assignment) **Discussion Board 5** (Online assignment) • Exam – **C.5 Domain 4:** Software Troubleshooting (32 ques) **Week 13 assignments due before midnight Apr 16**	1-6 a,b,c
Week 14 Apr 17 – Apr 23		**C. CompTia 220-902 Practice Exams**	**Complete C.1 Preparing for Certification** • Exam – **C.6 Domain 5:** Operational Procedures (63 ques) (Online assignment) **Study for Final Exam or real 220-902 certification exam** **Week 14 assignments due before midnight Apr 23**	1-6 a,b,c
Week 15 Apr 24 – May 1		**Spring Activity Day May ???**	**FINAL EXAM**	1 a,b,c

COMPETENCY AREAS:
1. Operating System Fundamentals
2. Installing, Configuring, and Upgrading Operating Systems
3. Managing Storage, File Systems, Hardware, and System Resources
4. Troubleshooting, Diagnostics, and Maintenance of Operating Systems
5. Networking
6. Virtual/Cloud Computing

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.

Students are responsible for all information contained in this lesson plan. This lesson plan is subject to change at instructor's discretion.