



**CIST1601 Information Security Fundamentals**  
**COURSE SYLLABUS**  
**Online**  
**Fall Semester 2017**

**COURSE INFORMATION**

Credit Hours/Minutes: **3/3000**

Class Location: **GVTC/Blackboard**

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

CRN: 20159

Preferred Method of Contact: **STC Email** – [jpowers@southeasterntech.edu](mailto:jpowers@southeasterntech.edu)

**INSTRUCTOR CONTACT INFORMATION**

Instructor Name: **Mr. Jamie Powers**

Office Location: **Swainsboro Campus, Building 2, Room 2106**

Office Hours: **2:00 – 4:30 Monday - Thursday**

Email Address: [jpowers@southeasterntech.edu](mailto:jpowers@southeasterntech.edu)

Phone: **478-289-2221**

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

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

**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 Security Pro ISBN 978-1-935080-44-2 from the STC Bookstore or from [www.TestOut.com](http://www.TestOut.com).**

**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 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**

This course provides a broad overview of information security. It covers terminology, history, security systems development and implementation. Student will also cover the legal, ethical, and professional issues in information security.

## **MAJOR COURSE COMPETENCIES**

Information Security Terminology; Information Security, Legal, Ethical, and Professional Issues in Information Security, Security Policy and Procedures, Information Security Components, Identification, Assessment and Control of Risks Related to Information Security.

## **PREREQUISITE(S)**

None

## **GENERAL EDUCATION CORE COMPETENCIES**

STC 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 tests and assignments by the due dates. Assignments will be saved via the TestOut and Blackboard learning 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. Students are responsible for policies and procedures included in the STC E-Catalog. 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. 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.

## **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 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. 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. Again, students who miss an assignment will receive a grade of 0.

## **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, 912-538-3126, [hthomas@southeasterntech.edu](mailto:hthomas@southeasterntech.edu), 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, 912-538-3126, [hthomas@southeasterntech.edu](mailto:hthomas@southeasterntech.edu).

## 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" 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 assessed 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.

## 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. The proctored event will be administered on two separate days during the semester—once on the Vidalia campus and once on the Swainsboro campus and will be monitored by the instructor or another STC employee. 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 further 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, 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 will receive an F in the course.**

As published on STC's website, any expenses incurred to obtain a proctor will be the responsibility of the student; however, students are not charged a proctoring fee when taking the proctored exam on the campus of Southeastern Tech. Most of Georgia's technical colleges do not charge to proctor exams for students enrolled in other TCSG colleges. Students who are enrolled at Southeastern Technical College and live out of the state of Georgia or out of the country could incur a proctoring charge. However, in that instance, the instructor would assist the student in locating the least expensive proctor.

**The required proctored event for this class is scheduled on the following dates and times: Vidalia Campus, 11/29/2017, 3:00 PM, Gillis Regional Medical Technology Building Room 818 and Swainsboro Campus, 11/30/2017, 3:00 PM, Building 2, Room 2106.**

### **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 Lab assignments will result in a grade of zero. There will be no makeup of TESTS, Review Questions, or Labs. If Internet or browser failure occurs, contact instructor immediately. A decision will be made at that time if the exam will be reset. Instructor reserves the right to deduct points from the exam scores for exceeding the scheduled time limit on the exam and/or requiring student to come to campus to take the final exam. Note: If student notifies instructor about exam problems because of technical issues after the due date or on the last day of the semester, the student will NOT be allowed to make-up the exam. No exceptions! Assignments must be turned in on the assigned date and will not be accepted late, a grade of zero will be given. ALL Assignments are due according to the lesson plan. The due dates are posted on the lesson plan. Weeks start on Monday and end on Sunday with assignments due on Monday at 11:55 PM. See Lesson Plan.

### **ACADEMIC DISHONESTY POLICY**

The STC 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 STC Catalog and Student 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" 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:

<b>ADA/Section 504 - Equity- Title IX (Students) - OCR Compliance Officer</b>	<b>Title VI - Title IX (Employees) - EEOC Officer</b>
Helen Thomas, Special Needs Specialist Vidalia Campus 3001 East 1 <sup>st</sup> Street, Vidalia Office 108 Phone: 912-538-3126 <a href="mailto:hthomas@southeasterntech.edu">hthomas@southeasterntech.edu</a>	Blythe Wilcox, Director of Human Resources Vidalia Campus 3001 East 1 <sup>st</sup> Street, Vidalia Office 138B Phone: 912-538-3147 <a href="mailto:bwilcox@southeasterntech.edu">bwilcox@southeasterntech.edu</a>

### GRIEVANCE PROCEDURES

Grievance procedures can be found in the Catalog and Handbook located on STC'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 using the Current Students link on the [STC website](#).

### 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

<b>Assessment/Assignment</b>	<b>Percentage</b>
Discussion Board Topics	10%
Lab Sims	30%
Exam Questions	30%
Proctored Event/Final Exam	30%

## GRADING SCALE

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

## Discussion Board Grading Rubrics:

Criteria Weight	Exceptional 100	Proficient 90	Satisfactory 70	Poor 50	Unacceptable 0
<b>Grammar/ Spelling 25.00 %</b>	<ul style="list-style-type: none"> <li>No grammatical or spelling errors (25 points)</li> </ul>	<ul style="list-style-type: none"> <li>Grammatical and spelling errors are few and cause no comprehension problems. (22.5 points)</li> </ul>	<ul style="list-style-type: none"> <li>Grammatical and spelling errors cause the reader to reread many parts of the post. (17.5 points)</li> </ul>	<ul style="list-style-type: none"> <li>Grammatical and spelling errors are frequent making posts confusing to read and comprehend. (12.5 points)</li> </ul>	<ul style="list-style-type: none"> <li>Grammatical and spelling errors are so numerous that the post is hard or impossible to comprehend. (0 points)</li> </ul>
<b>Posts &amp; Word Count 25.00%</b>	<ul style="list-style-type: none"> <li>Posts early to allow time to read and reply</li> <li>Publishes at least one original post and at least one reply</li> <li>125 - 150 words in main thread (25 points)</li> </ul>	<ul style="list-style-type: none"> <li>Posts early to allow others time to read and reply</li> <li>Publishes one post and one reply</li> <li>80 – 124 words in main thread (22.5 points)</li> </ul>	<ul style="list-style-type: none"> <li>Posts at the last minute without allowing enough time for others to read and reply.</li> <li>Publishes one post and no replies</li> <li>26 – 79 words in main thread (17.5 points)</li> </ul>	<ul style="list-style-type: none"> <li>Posts at the last minute without allowing enough time for others to read and reply.</li> <li>Publishes no posts and one reply</li> <li>0-25 words in main thread (12.5 points)</li> </ul>	<ul style="list-style-type: none"> <li>Publishes no posts or replies (0 points)</li> </ul>
<b>Critical Thinking NO COPYING AND PASTING FROM WEBSITES. If any information comes from a website it must be cited as a resource. 25.00%</b>	<ul style="list-style-type: none"> <li>Content provides a thorough frame of reference for comprehending the solution;</li> <li>an original solution is provided.</li> <li>Numerous Resources listed (25 points)</li> </ul>	<ul style="list-style-type: none"> <li>Content provides appropriate factual data but is not original or complete to solve problem or topic.</li> <li>Resources listed (22.5 points)</li> </ul>	<ul style="list-style-type: none"> <li>Content attempts to solve problem or topic but is too vague or disorganized to completely comprehend solution.</li> <li>Few resources listed (17.5 points)</li> </ul>	<ul style="list-style-type: none"> <li>Content is not a realistic solution to the problem or topic.</li> <li>One resource listed (12.5 points)</li> </ul>	<ul style="list-style-type: none"> <li>Content fails to offer a conscientious solution to selected problem or topic.</li> <li>No resource listed (0 points)</li> </ul>
<b>Explanation  25.00%</b>	<ul style="list-style-type: none"> <li>All Steps are covered.</li> <li>Questions are answered correctly. (25 points)</li> </ul>	<ul style="list-style-type: none"> <li>Most Steps are covered and answered correctly. (22.5 points)</li> </ul>	<ul style="list-style-type: none"> <li>Most steps are covered but not answered correctly. (17.5 points)</li> </ul>	<ul style="list-style-type: none"> <li>Less than half of the steps are covered and answered correctly. (12.5 points)</li> </ul>	<ul style="list-style-type: none"> <li>Less than half of the steps are covered and not answered correctly. (0 points)</li> </ul>

# CIST1601 Information Security Fundamentals

## Fall Semester 2017 Lesson Plan

### WEEK 1 (ASSIGNMENTS DUE 11:55 PM AUG 21)

Date/Week	Chapter/Lesson	Content	Assignments & Tests Due Dates	Competency Area
Aug 14-21		Class Introduction – Syllabi, Outline, Work Ethics, Rules, and Regulations Coverage	<p><b>Logon to STUDENT MAIL:</b> Send email to Instructor Reply to any Instructor email.</p> <p><b>Logon to BLACKBOARD:</b> <b>08/14/17</b></p> <p>Read all documents located under <b>Getting Started - Start Here</b> folder.</p> <p>Complete the <b>Acknowledgment Pledge</b> and the <b>Student Introduction Acknowledgement</b> discussion before beginning course work. <b>DUE 08/16/2017</b></p>	
		<p><b>Login to TestOut</b> and enter the registration information given to you by the instructor.</p> <p><b>Print the TestOut assignments sheets from Blackboard to use as a checkoff sheet.</b></p>	<p><b>You must have the TestOut keycode in order to start. To join the class, use the class crn number.</b></p> <p>For each module in the TestOut you will watch a video/demonstration, read the information given, complete a simulation and then answer the questions at the end.</p>	
	<b>1.0</b>	<b>Introduction</b>	Complete <b>Module 1.1</b> Security Overview	1,6,a,c
			Complete <b>Module 1.2</b> Using the Simulator	1,a,c

### WEEK 2 (ASSIGNMENTS DUE 11:55 PM AUG 28)

Date/Week	Chapter/Lesson	Content	Assignments & Tests Due Dates	Competency Area
Aug 22-28	<b>2.0</b>	<b>Access Control and Identity Management</b>	<p>Complete <b>Module 2.1</b> Access Control Models</p> <p>Complete <b>Module 2.2</b> Authentication</p> <p>Complete <b>Module 2.3</b> Authorization</p>	1,2,3,4,5,6 a,b,c

Date/Week	Chapter/Lesson	Content	Assignments & Tests Due Dates	Competency Area
Aug 22-28	<b>2.0</b>	<b>Access Control and Identity Management</b>	Complete <b>Module 2.4</b> Access Control Best Practices Complete <b>Module 2.5</b> Active Directory Overview Complete <b>Module 2.6</b> Windows Domain Users and Groups	1,2,3,4,5,6 a,c
			Complete <b>Module 2.7</b> Linux Users Complete <b>Module 2.8</b> Linux Groups Complete <b>Module 2.9</b> Linux User Security	1,2,3,4,5,6 a,c
			Complete <b>Module 2.10</b> Group Policy Overview Complete <b>Module 2.11</b> Hardening Authentication Part 1 Complete <b>Module 2.12</b> Hardening Authentication Part 2	1,2,3,4,5,6 a,c

### WEEK 3 (ASSIGNMENTS DUE 11:55 PM SEPT 5)

Date/Week	Chapter/Lesson	Content	Assignments & Tests Due Dates	Competency Area
Aug 29-Sept 5	<b>2.0</b>	<b>Access Control and Identity Management</b>	Complete <b>Module 2.13</b> Remote Access Complete <b>Module 2.14</b> Network Authentication Complete <b>Module 2.15</b> Identity Management Complete <b>Discussion Board 1</b> in Blackboard	1,2,3,4,5,6 a,c
	<b>3.0</b>	<b>Cryptography</b>	Complete <b>Module 3.1</b> Cryptography Complete <b>Module 3.2</b> Hashing	1,2,3,4,5,6 a,b,c
			Complete <b>Module 3.3</b> Symmetric Encryption Complete <b>Module 3.4</b> Asymmetric Encryption	1,2,3,4,5,6 a,b,c
			Complete <b>Module 3.5</b> Public Key Infrastructure (PKI) Complete <b>Module 3.6</b> Cryptography Implementations Complete <b>Discussion Board 2</b> in Blackboard	1,2,3,4,5,6 a,b,c



**WEEK 4 (ASSIGNMENTS DUE 11:55 PM SEPT 11)**

Date/Week	Chapter/Lesson	Content	Assignments & Tests Due Dates	Competency Area
Sept 6 – 11	<b>4.0</b>	<b>Policies, Procedures, and Awareness</b>	Complete <b>Module 4.1</b> Security Policies Complete <b>Module 4.2</b> Manageable Network Plan	1,2,3,4,5,6 a,c
			Complete <b>Module 4.3</b> Business Continuity Complete <b>Module 4.4</b> Risk Management	1,2,3,4,5,6 a,c
			Complete <b>Module 4.5</b> Incident Response Complete <b>Module 4.6</b> Social Engineering	1,2,3,4,5,6 a,c
			Complete <b>Module 4.7</b> Certification and Accreditation Complete <b>Module 4.8</b> Development	1,2,3,4,5,6 a,c
			Complete <b>Module 4.9</b> Employee Management Complete <b>Module 4.10</b> Third-Party Integration	1,2,3,4,5,6 a,c

**WEEK 5 (ASSIGNMENTS DUE 11:55 PM SEPT 18)**

Date/Week	Chapter/Lesson	Content	Assignments & Tests Due Dates	Competency Area
Sept 12 – 18	<b>5.0</b>	<b>Physical Security</b>	Complete <b>Module 5.1</b> Physical Security Complete <b>Module 5.2</b> Hardware Security	1,2,3,4,5,6 a,c
			Complete <b>Module 5.3</b> Environmental Controls Complete <b>Module 5.4</b> Mobile Devices	1,2,3,4,5,6 a,c
			Complete <b>Module 5.5</b> Mobile Device Security Enforcement Complete <b>Module 5.6</b> Telephony Complete <b>Discussion Board 3</b> in Blackboard	1,2,3,4,5,6 a,c

**WEEK 6 (ASSIGNMENTS DUE 11:55 PM SEPT 25)**

Date/Week	Chapter/Lesson	Content	Assignments & Tests Due Dates	Competency Area
Sept 19 – 25	<b>6.0</b>	<b>Perimeter Defenses</b>	Complete <b>Module 6.1</b> Network Layer Protocol Review Complete <b>Module 6.2</b> Transport Layer Protocol Review Complete <b>Module 6.3</b> Perimeter Attacks 1	1,2,3,4,5,6 a,b,c
			Complete <b>Module 6.4</b> Perimeter Attacks 2 Complete <b>Module 6.5</b> Security Appliances Complete <b>Module 6.6</b> Demilitarized Zones (DMZ)	1,2,3,4,5,6 a,b,c
			Complete <b>Module 6.7</b> Firewalls Complete <b>Module 6.8</b> Network Address Translation (NAT) Complete <b>Module 6.9</b> Virtual Private Networks (VPN)	1,2,3,4,5,6 a,b,c

**WEEK 7 (ASSIGNMENTS DUE 11:55 PM OCT 2)**

Date/Week	Chapter/Lesson	Content	Assignments & Tests Due Dates	Competency Area
Sept 26 – Oct 2	<b>6.0</b>	<b>Perimeter Defenses</b>	Complete <b>Module 6.10</b> Web Threat Protection Complete <b>Module 6.11</b> Network Access Control (NAC) Complete <b>Module 6.12</b> Wireless Overview	1,2,3,4,5,6 a,b,c
			Complete <b>Module 6.13</b> Wireless Attacks Complete <b>Module 6.14</b> Wireless Defenses	1,2,3,4,5,6 a,b,c
	<b>7.0</b>	<b>Network Defenses</b>	Complete <b>Module 7.1</b> Network Devices Complete <b>Module 7.2</b> Network Device Vulnerabilities Complete <b>Module 7.3</b> Switch Attacks	1,2,3,4,5,6 a,c

**WEEK 8 (ASSIGNMENTS DUE 11:55 PM OCT 9)**

Date/Week	Chapter/Lesson	Content	Assignments & Tests Due Dates	Competency Area
Oct 3 - 9	<b>7.0</b>	<b>Network Defenses</b>	Complete <b>Module 7.4</b> Router Security Complete <b>Module 7.5</b> Switch Security Complete <b>Module 7.6</b> Intrusion Detection and Prevention	1,2,3,4,5,6 a,c
Oct 3 - 9	<b>7.0</b>	<b>Network Defenses</b>	Complete <b>Module 7.7</b> SAN Security Complete <b>Discussion Board 4</b> in Blackboard	1,2,3,4,5,6 a,c
	<b>8.0</b>	<b>Host Defenses</b>	Complete <b>Module 8.1</b> Malware Complete <b>Module 8.2</b> Password Attacks	1,2,3,4,5,6 a,b,c

**WEEK 9 (ASSIGNMENTS DUE 11:55 PM OCT 16)**

Date/Week	Chapter/Lesson	Content	Assignments & Tests Due Dates	Competency Area
Oct 10 - 16	<b>8.0</b>	<b>Host Defenses</b>	Complete <b>Module 8.3</b> Windows System Hardening Complete <b>Module 8.4</b> Hardening Enforcement	1,2,3,4,5,6 a,c
			Complete <b>Module 8.5</b> File Server Security Complete <b>Module 8.6</b> Linux Host Security	1,2,3,4,5,6 a,b,c
			Complete <b>Module 8.7</b> Static Environment Security Complete <b>Discussion Board 5</b> in Blackboard	1,2,3,4,5,6 a,c

**WEEK 10 (ASSIGNMENTS DUE 11:55 PM OCT 23)**

Date/Week	Chapter/Lesson	Content	Assignments & Tests Due Dates	Competency Area
Oct 17 - 23	<b>9.0</b>	<b>Application Defenses</b>	Complete <b>Module 9.1</b> Web Application Attacks Complete <b>Module 9.2</b> Internet Browsers	1,2,3,4,5,6 a,c
			Complete <b>Module 9.3</b> E-mail Complete <b>Module 9.4</b> Network Applications	1,2,3,4,5,6 a,c

Date/Week	Chapter/Lesson	Content	Assignments & Tests Due Dates	Competency Area
			Complete <b>Module 9.5</b> Virtualization Complete <b>Module 9.6</b> Application Development	1,2,3,4,5,6 a,c

### WEEK 11 (ASSIGNMENTS DUE 11:55 PM OCT 30)

Date/Week	Chapter/Lesson	Content	Assignments & Tests Due Dates	Competency Area
Oct 24 - 30	<b>10.0</b>	<b>Data Defenses</b>	Complete <b>Module 10.1</b> Redundancy Complete <b>Module 10.2</b> Backup and Restore	1,2,3,4,5,6 a,b,c
			Complete <b>Module 10.3</b> File Encryption Complete <b>Module 10.4</b> Secure Protocols	1,2,3,4,5,6 a,b,c
Oct 24 - 30	<b>10.0</b>	<b>Data Defenses</b>	Complete <b>Module 10.5</b> Cloud Computing	1,2,3,4,5,6 a,c

### WEEK 12 (ASSIGNMENTS DUE 11:55 PM NOV 6)

Date/Week	Chapter/Lesson	Content	Assignments & Tests Due Dates	Competency Area
Oct 31 – Nov 6	<b>11.0</b>	<b>Assessments and Audits</b>	Complete <b>Module 11.1</b> Vulnerability Assessment Complete <b>Module 11.2</b> Penetration Testing	1,2,3,4,5,6 a,b,c
			Complete <b>Module 11.3</b> Protocol Analyzers Complete <b>Module 11.4</b> Log Management	1,2,3,4,5,6 a,c
			Complete <b>Module 11.5</b> Audits	1,2,3,4,5,6 a,c

### WEEK 13 (ASSIGNMENTS DUE 11:55 PM NOV 13)

Date/Week	Chapter/Lesson	Content	Assignments & Tests Due Dates	Competency Area
Nov 7 - 13		<b>Security + Domain Questions</b>	<b>Security+ Domain 1: Network Security, (172 Questions)</b>	1,2,3,4,5,6 a,c
			<b>Security+ Domain 2: Compliance and Operational Security, (128 Questions)</b>	1,2,3,4,5,6 a,b,c

**WEEK 14 (ASSIGNMENTS DUE 11:55 PM NOV 20)**

Date/Week	Chapter/Lesson	Content	Assignments & Tests Due Dates	Competency Area
Nov 14 - 20			<b>Security+ Domain 3: Threats and Vulnerabilities, (178 Questions)</b>	1,2,3,4,5,6 a,c
			<b>Security+ Domain 4: Application, Data and Host Security, (70 Questions)</b>	1,2,3,4,5,6 a,c

**WEEK 15 (ASSIGNMENTS DUE 11:55 PM NOV 30)**

Date/Week	Chapter/Lesson	Content	Assignments & Tests Due Dates	Competency Area
Nov 21 - 28			<b>Security+ Domain 5: Access Control and Identity Management, (98 Questions)</b>	1,2,3,4,5,6 a,b,c
			<b>Security+ Domain 6: Cryptography, (92 Questions)</b>	1,2,3,4,5,6 a,b,c
Nov 29 - 30			<b>Proctored Exam: Take Final Exam, Security+ Practice Exam 100 Questions</b>	1,2,3,4,5,6 a,b,c

**Competency Areas:**

1. Information Security Terminology
2. Information Security
3. Legal, Ethical and Professional Issues in Information Security
4. Security Policy and Procedures
5. Information Security Components
6. Identification, Assessment and Control of Risks Related to Information Security

**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.