

# CIST 2612 - Computer Forensics

## **\*\*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.\*\*\***



# CIST 2612 Computer Forensics COURSE SYLLABUS

**ONLINE**

**Spring Semester 2017 (FY201716)**

**\*\*TENTATIVE – SUBJECT TO CHANGE**

**Semester:** Summer 2017 FY201716

**Course Title:** Computer Forensics

**Course Number:** CIST 2612

**Credit Hours/ Minutes:** 4 / 4500

**Class Location:** GVTC/Blackboard

**Class Meets:** via Internet / 9 weeks

**CRN:** 60178

**Preferred method of contact:** STC Email

**Instructor:** Mr. John Taylor

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

**Office Phone:** 912-538-3116

**Tutoring Hours:** By Appointment

**Office Hours:** 2:00 – 5:30 Monday - Thursday

**Office Location:** Rm 810 Gillis Bldg – Vidalia Campus

**REQUIRED TEXT:** Hayes, Darren R. [A Practical Guide to Computer Forensics Investigations](#), Pearson IT Certification, [www.pearsonITcertification.com](http://www.pearsonITcertification.com), Dec 2015. ISBN: ISBN-10: 0-7897-4115-6, ISBN-13: 978-0-7897-4115-8  
**Students can use e-books if they prefer.**

**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. You may be loading FTK Imager, Hex Workshop, SIP Workbench VoIP, and Protocol Analyzer software. **Note: Students will be saving their work via BLACKBOARD. Internet access required.**  
**Students are required to have book on the first day of class. Students can use e-books if they prefer.**

**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:** The course examines the use of computers in the commission of crimes, collection, analysis and production of digital evidence. Students will use computer resources to explore basic computer forensic investigation techniques.

**MAJOR COURSE COMPETENCIES/COURSE OUTLINE:** Computer Forensic Tools, Evidence Collection, Evidence Analysis, Crime/Incident Scene Processing, Mail Messages, News Postings, Graphic Images, and File Signatures.

**PREREQUISITE(S):** CIST1122 and CIST1601 recommended, not required for certificate.

**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 exams and assignments by the due dates. Assignments will be saved via the **Blackboard learning system**. Assignments are given with at least a week to complete; therefore **no assignment will be accepted late. After the due date a grade of zero will be given.** **Submit assignments as attachments to the drop boxes on Blackboard. Some projects will require you to print your screen (Shift – Print Screen), paste to word and submit.** 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.**

- **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 grading rubric below. **Complete your initial post by Wednesday and all replies by the Monday due date.**
- **EMAILS: Preferred method of communication should be through STC Email.** 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: CIST2612 Taylor**
- **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 **Summer semester, that day will be May 22, 2017.**) **The student must formally withdraw from classes in order to receive the no harm-no foul benefit.**

**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 (for instance when Monday is a holiday)

**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 will be the comprehensive final exam. The proctored event is scheduled on the following dates and times: Swainsboro Campus, Wednesday July 26, at 3:30 PM in Bldg. 2 Room 2106, and Vidalia Campus, Tuesday July 25, at 3:30 PM in Med Tech Gillis Bldg, Room 818.**

**MAKEUP GUIDELINES:** 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 after the due date 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. 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 11:55 PM. See Lesson Plan. Makeups are not allowed for unannounced quizzes/assignments.**

**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:

##### **--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.

##### **--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.

**--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 second 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 clicking the Current Students link on the STC website at [www.southeasterntech.edu](http://www.southeasterntech.edu).

**GRADING POLICY**

Review Questions	20%
Assignments	25%
Discussion Boards	10%
Proctored Event	20%
<u>Exams</u>	<u>25%</u>
Total	100%

**GRADING SCALE**

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

**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*

**\* Grade of D or below results in student repeating the class**

Discussion Board Topics Grading Rubric					
Criteria Weight	Exceptional 100	Proficient 90	Satisfactory 70	Poor 50	Unacceptable 0
<b>Grammar/ Spelling</b>  <b>25.00 %</b>	No grammatical or spelling errors  <b>(25 points)</b>	Grammatical and spelling errors are few and cause no comprehension problems. <b>(22.5 points)</b>	Grammatical and spelling errors cause the reader to reread many parts of the post. <b>(17.5 points)</b>	Grammatical and spelling errors are frequent making posts confusing to read and comprehend. <b>(12.5 points)</b>	Grammatical and spelling errors are so numerous that the post is hard or impossible to comprehend.
<b>Posts &amp; Word Count</b>  <b>25.00%</b>	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 <b>(25 points)</b>	Posts early to allow others time to read and reply Publishes one post and one reply 80 – 124 words in main thread <b>(22.5 points)</b>	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 <b>(17.5 points)</b>	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 <b>(12.5 points)</b>	Publishes no posts or replies
<b>Critical Thinking</b> <b>NO COPYING AND PASTING FROM WEBSITES.</b> <b>If any information comes from a website it must be cited as a resource.</b> <b>25.00%</b>	Content provides a thorough frame of reference for comprehending the solution; an original solution is provided. Numerous Resources listed <b>(25 points)</b>	Content provides appropriate factual data but is not original or complete to solve problem or topic. Resources listed <b>(22.5 points)</b>	Content attempts to solve problem or topic but is too vague or disorganized to completely comprehend solution. Few resources listed <b>(17.5 points)</b>	Content is not a realistic solution to the problem or topic. One resource listed <b>(12.5 points)</b>	Content fails to offer a conscientious solution to selected problem or topic. No resource listed
<b>Explanation</b>  <b>25.00%</b>	All Steps are covered. Questions are answered correctly. <b>(25 points)</b>	Most Steps are covered and answered correctly. <b>(22.5 points)</b>	Most steps are covered but not answered correctly. <b>(17.5 points)</b>	Less than half of the steps are covered and answered correctly. <b>(12.5 points)</b>	Less than half of the steps are covered and not answered correctly.

**Submit assignments as attachments to the drop boxes on Blackboard. Some projects will require you to print your screen (Shift – Print Screen), paste to word and submit.**

**CIST 2612 – Computer Forensics  
SUMMER SEMESTER 2017 LESSON PLAN (FY201716)**

**\*\*TENTATIVE – SUBJECT TO CHANGE**

Date	Chap / Less	Content	Assignments & Tests Due	Comp Area
<b>Week 1</b>				
Wed – Mon May 17-29  Monday May 29 Memorial Day Holiday		<b>Semester Begins</b> Getting Started - Class Introduction – Syllabi, Outline, Work Ethics, Rules, and Regulations Coverage	Reply to <b>Welcome Email</b> from your Instructor.  <b>Logon to the course on Blackboard</b>  Read all documents located under <b>Getting Started - Start Here</b> folder on Blackboard  Complete the <b>Acknowledgment Pledge</b> and the <b>Student Introduction Acknowledgement</b> discussion on Blackboard before beginning course work. <b>DUE 01/11/17</b>	a,c
	<b>1</b>	<b>The Scope of Computer Forensics</b>	Read Chapter 1 (Chp 1 is on Blackboard if needed)	1
		<b>Submit assignments as attachments to the drop boxes on Blackboard. Some projects will require you to print your screen (Shift – Print Screen), paste to word and submit.</b>	Complete Chp 1 <b>Review Questions</b> on Blackboard  Complete <b>Project</b> : Investigate a Crime on Pg. 30 and attach the assignment in Blackboard.  Complete <b>Discussion Board 1</b> on Blackboard	
	<b>2</b>	<b>Windows Operating and File Systems</b>	Read Chapter 2 <b>Do practical's as applicable</b>  Complete Chp 2 <b>Review Questions</b> on Blackboard	1 a,b,c
			Complete <b>Project</b> : Explain the Boot Process on Pg. 79 and attach the assignment in Blackboard.	
<b>Week 1 assignments must be completed and turned in <u>before 11:55 PM May 31</u></b>				
<b>Week 2</b>				
Tues – Mon May 31- June 5			Complete <b>Project</b> : Submit USB Evidence on Pg. 79 and attach the assignment in Blackboard.  <b>Chapter 2 Exam</b> on Blackboard	
	<b>3</b>	<b>Handling Computer Hardware</b>	Read Chapter 3 <b>Do practical's as applicable</b>	1
			Complete Chp 3 <b>Review Questions</b> on Blackboard  Read <b>Case Study State of Connecticut v. John Kaminski page 103</b> and post answers to complete <b>Discussion Board 2</b> on Blackboard.  Complete <b>Project</b> : Case Study – BTK Killer on Pg. 106 and attach the assignment in Blackboard.  <b>Chapter 3 Exam</b> on Blackboard	a,b,c
<b>Week 2 assignments must be completed and turned in <u>before 11:55 PM June 6</u></b>				

Week 3				
Tues – Mon June 6 - 12	4	Acquiring Evidence in a Computer Forensics Lab	Read Chapter 4 Complete Chp 4 <b>Review Questions</b> on Blackboard	2 a,c
			Complete the <b>practical Image RAM on Your Computer Using FTK Imager on Pg 133 Submit Screenshot in Blackboard.</b> Complete <b>Discussion Board 3</b> in Blackboard <b>Chapter 4 Exam</b> on Blackboard	
	5	Online Investigations	Read Chapter 5 Complete Chp 5 <b>Review Questions</b> on Blackboard. Complete the <b>practical's View the Contents of index.dat on Pg 201 Submit Screenshot in Blackboard.</b>	3 a,c
			Complete <b>Project</b> : Conduct a Criminal Investigation Pg. 207 and attach the assignment in Blackboard. <b>Chapter 5 Exam</b> on Blackboard.	
<b>Week 3 assignments must be completed and turned in <u>before 11:55 PM June 13</u></b>				
Week 4				
Tues – Mon June 13 - 19	6	Documenting the Investigation	Read Chapter 6 Complete Chp 6 <b>Review Questions</b> on Blackboard . Complete <b>Project</b> : Conduct an Onsite Investigation Pg. 235 and attach the assignment in Blackboard.	4 a,b,c
			Complete <b>Project</b> : Synchronize Time Pg. 236 and attach the assignment in Blackboard. <b>Chapter 6 Exam</b> on Blackboard	
	7	Admissibility of Digital Evidence	Read Chapter 7 Complete Chp 7 <b>Review Questions</b> on Blackboard.	3 a,c
			Complete <b>Project</b> : Read <b>The Case of the Russian Hackers page 257</b> and attach the assignment in Blackboard. Complete <b>Discussion Board 4</b> on Blackboard. <b>Chapter 7 Exam</b> on Blackboard	
<b>Week 4 assignments must be completed and turned in <u>before 11:55 PM June 20</u></b>				
Week 5				
Tues – Mon Jun 20 - 26	8	Network Forensics	Read Chapter 8	5 a ,c
			Complete Chp 8 <b>Review Questions</b> on Blackboard.	
			Complete <b>Project: When Network Forensics Goes Wrong Pg. 309</b> and attach the assignment in Blackboard.	
		<b>SEMESTER MIDTERM June 20</b>	<b>Chapter 8 Exam</b> on Blackboard.	
<b>Week 5 assignments must be completed and turned in <u>before 11:55 PM June 27</u></b>				



Week 6				
Tues – Mon Jun 27 – July 10	9	Mobile Forensics	Read Chapter 9 Complete Chp 9 <b>Review Questions</b> on Blackboard.	5 a,c
			Complete the <b>Practical Locate Local Cell Towers and Antennae Pg. 323-5</b> submit screen shot to Blackboard.	
		<b>NOTIFY THE INSTRUCTOR OF THE DATE YOU PLAN TO TAKE THE PROCTORED EXAM</b>	Complete the <b>Practical Identify the Features of a Cellular Phone Pg, 352</b> submit report to Blackboard. <b>Instead of removing the back of the device, locate the information in your settings.</b>	
		65% Point – June 29th	Read <b>Case Study To Catch a Murderer Pg 363</b> and post answers to Complete <b>Discussion Board 5</b> on Blackboard. <b>Chapter 9 Exam</b> on Blackboard.	

**Week 6 assignments must be completed and turned in before 11:55 PM July 11**

**Holiday – Summer Break – No Classes Jul 3 – July 6**

Week 7				
Tues – Mon July 11 – 17	10	Photograph Forensics	Read Chapter 10	5
			Complete Chp 10 <b>Review Questions</b> on Blackboard.	a,b,c
			Complete the <b>Project: Use EXIFextractor to Examine EXIF Data Pg. 388</b> submit your Excel file to Blackboard.	
			<b>Chapter 10 Exam</b> on Blackboard	

**Week 7 assignments must be completed and turned in before 11:55 PM July 18**

Week 8				
Tues – Mon July 18 – 24	11	MAC Forensics	Read Chapter 11	
			Research programs that embed messages into pictures	
		<b>Make sure you have made arrangements to attend the Proctored Event</b>	Complete the <b>Embedded Message in a Picture</b> Assignment and post your picture to Blackboard and send the picture to the Instructor. Instructor will send back a picture with an embedded question that you must answer.	
			Complete Chp 11 <b>Review Questions</b> on Blackboard. <b>Chapter 11 Exam</b> on Blackboard	5 a,b,c

**Week 8 assignments must be completed and turned in before 11:55 PM July 25**

Week 9				
Tues – Mon July 25 - 31	12	Case Studies	Read <b>Case Study Zacharias Moussaoui Pgs. 437-441</b> and post answers to complete the assignment in Blackboard.	1-5 a,c
		<b>Proctored Event – See Syllabus for information</b> Use your review questions/chapter exams to study	<b>PROCTORED Final Exam (covers all chapters)</b> Read <b>Case Cyberbullying Pg. 443-446</b> and post answers to complete the assignment in Blackboard..	
		<b>Proctored Event – See Syllabus for information</b> Use your review questions/chapter exams to study	<b>PROCTORED Final Exam (covers all chapters)</b>	
			Read <b>Case Study Sports Pgs. 447-448</b> and post answers to complete the assignment in Blackboard.	a,b,c

**Week 9 assignments must be completed and turned in before 11:55 PM July 31**

**MAJOR COURSE COMPETENCIES:**

1. Computer Forensic Tools
2. Evidence Collection
3. Evidence Analysis
4. Crime/Incident Scene Processing
5. Mail Messages, News Postings, Graphic Images, and File Signatures

**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.**