

GEORGIA COLLEGE & STATE UNIVERSITY COURSE SYLLABUS

Computer Security

Semester:	Fall	Year:	2017
Course Title:	Computer Security	Course #:	MMIS 6392
Instructor:	Dr. Bryan Marshall	Office:	Online
E-Mail:	bryan.marshall@gcsu.edu	Office Hours:	
Phone:	478-445-2137	Classroom:	Online
Class Time:	T (5:30 – 8:15 pm)		

Catalog Description

Exposure to EDP procedures, standards and techniques, types of controls, data integrity, risk assessment, and expectations of the internal and external auditor in information systems auditing. Computer abuse, ethics, privacy, and security are emphasized. Legal considerations include contracts, copyrights, patents, trade secrets, warranties, product liability, software protection, and the role of regulatory agencies in information systems. Case studies will be used.

Course Outcomes

Students should be able to:

- Design audits of computer systems to ensure operational security and protection from attack.
- Oversee and monitor routine administration of the information security department.
- Coordinate with other departments to promote awareness and training on security protocols.
- Implement, monitor, and maintain policies and standards for information technology-related controls.

Grading (1180 points)

Labs (74 x 5)	370
Quizzes (82 x 5)	410
Security Pro Certification Exam	200
Security Audit Paper	200
	1180

Required Text

- LabSim (Security Pro Course SY0-401)

*"Students can purchase LabSim direct at \$102 per title by visiting www.labsimonline.com and entering promotion code **14-232TA** (bottom right of main page). They then select the titles they want and in the shopping cart will be required to enter their instructor's name (**Marshall, Bryan**) and the school name will be required to be entered exactly as **Georgia College & State University**. They can then proceed to purchase LabSim through the shopping cart and will then receive instructions to gain access immediately online."*

Requests for Modifications

Any student requiring instructional modifications due to a documented disability should make an appointment to meet with the instructor as soon as possible. An official letter from GCSU documenting the disability will be expected in order to receive accommodations.

THE FOLLOWING COURSE OUTLINE PROVIDES A GENERAL PLAN FOR THE COURSE. DEVIATIONS MAY BE NECESSARY.

Date	LabSim Section Due	Labs	Quizzes	Lectures
Aug 22	Introduction to Class			
Aug 29	Section 1	2 (10 points)	1 (5 points)	
Sep 5	Section 2	22 (110 points)	15 (75 points)	Sections 1 - 2
Sep 12	Section 3	1 (5 points)	6 (30 points)	
Sep 19	Section 4	1 (5 points)	10 (50 points)	
Sep 26	Section 5	2 (10 points)	6 (30 points)	Sections 3 - 5
Oct 3	Section 6	10 (50 points)	14 (70 points)	
Oct 10	<i>Fall Break</i>			
Oct 17	Section 7	7 (35 points)	7 (35 points)	Sections 6 - 7
Oct 24	<i>Dublin, Ireland – ABC Conference</i>			
Oct 31	Section 8	7 (35 points)	7 (35 points)	
Nov 7	Section 9	11 (55 points)	6 (30 points)	Sections 8 - 9
Nov 14	Section 10	6 (30 points)	5 (25 points)	
Nov 21	Section 11	5 (25 points)	5 (25 points)	Sections 10 - 11
Nov 28	<i>Thanksgiving Break</i>			
Dec 5	Security Audit Report (200 points)			
Dec 12	Security Pro Exam (200 points)			

LabSim Labs (74 Labs @ 5 pts = 370 points)

There are 74 labs (simulations) found in this LabSim. You can attempt these as many times as needed to pass the lab. If you pass the lab you get 5 points. If you do not, you get a 0. Very simple.

LabSim Quizzes (82 Quizzes @ 5 pts = 410 points)

At the end of each section there is a quiz. On your own time, complete the quiz. Your grade will be based on the average of three attempts. If you attempt a fourth time you will get a 0.

Final Exam (200 points)

You will be completing the Security Pro Certification Exam. This exam is found in LabSim. *If you pass the Security Pro Certification (by LabSim) you will get 100% on the final exam otherwise, you get the % of the test grade. I need to schedule the final exam for you. You will need to email me when you are ready to take the exam. I will unlock the exam and you will have 48 hours to complete it online.*

Security Audit Paper (200 points)

For this assignment, you will be creating a simple security audit on the organization of your choice.