COURSE SYLLABUS SEC400: Management of Information Security

Course Description
Students will learn about management perspectives and practices required for protecting information. The objective of the course is to get students to consider legal, ethical, and regulatory practices required of today's managers. Risks to organizational assets are reviewed in order to better understand potential security threats to IT organizations and information systems. Prerequisite(s): SEC 210 and SEC320.

General Course Information

Number of Units/Weeks	4/10
#Hours Lecture/#Hours Laboratory/#Hours ELPs*	40/0/80
Prerequisite(s)	SEC210 & SEC320
Co-requisites (s)	None
Course Developer(s)	Neil Antis, MBA
Date Approved / Last Review	Feb 2018

Learning Outcomes
- Discuss the concept of information as an asset and management practices for protecting information.

- Discuss the principles of confidentiality, integrity, and availability.

- Describe potential risks and threats to organizational information systems.

- Outline the legal, ethical, and regulatory consideration of protecting data.

- Discuss the need for security measures in IT organizations and information systems.

Instructional Methods Employed in this Course

- Lecture and reading assignments

- Discussion forums

- Practical application of theory and skills in authentic design projects

- Build on prior knowledge and experience of students to enhance richness of class activities.

Information Resources for this Course: Textbook

Michael E. Whitman, Herbert J. Mattord, *Management of Information Security, Fifth Edition*. Cengage Learning, 2017, ISBN-13: 978-1-305-50125-6.ISBN-10: 0-7897-5127-5

Table/Topics & Assignments

Types of Assignments:

Lecture -
Considered Lecture Hours

Classroom Discussion -
Considered Lecture Hours

In Class Critique -
Considered Lecture Hours

Delivering Oral Presentations -
Considered Lecture Hours

In Class (IC) Exercise -
Considered Lecture Hours

Reading -
Considered Enhanced Learning Project (ELP), work done outside of class

WebClass lesson (non-online courses) -
Considered ELP, work done outside of class

Lab Work -
Considered Lab Hours

Quiz, Midterm or Final -
Considered Lecture Hours

Week 1						
Type	Topic/Description	Lec Time	Lab Time	ELP Time	Point Value	Due
LEC 1A	Principles of Information Security Management	4	-	-	-	
HW 1A	Read Chapter 1. Evaluated by IC EX 3A	-	-	3	-	

HW 1B	Assignment #1	-	-	1	30	Week 2
LEC 1B/PROJ 1A	Project 1 assigned: Research Paper #1	.5	-	10	100	Week 5
Total Week 1		4.5	0	15	30	

Week 2

Type	Topic/Description	Lec Time	Lab Time	ELP Time	Point Value	Due
LEC 2A	Law & Ethics	4	-	-	-	
HW 2A	Read Chapter 2. Evaluated by IC EX 2B	-	-	2	-	
HW 2B	Assignment #2			1	30	Week 3
Total Week 2		4	0	3	30	

Week 3

Type	Topic/Description	Lec Time	Lab Time	ELP Time	Point Value	Due
LEC 3A	Governance of Information Security	4	-	-	-	
HW 3A	Read Chapter 3. Evaluated by IC EX 3B	-	-	2	-	
HW 3B	Assignment #3	-	-	1	30	Week 4
Total Week 3		4	0	3	30	

Week 4

Type	Topic/Description	Lec Time	Lab Time	ELP Time	Point Value	Due

Type	Topic/Description	Lec Time	Lab Time	ELP Time	Point Value	Due
LEC 4A	Security Policies	4	-	-	-	
HW 4A	Read Chapter 4. Evaluated by IC EX 4B	-	-	2	-	
HW 4B	Assignment #4	-	-	1	30	Week 5
Total Week 4		4	0	3	30	

Week 5

Type	Topic/Description	Lec Time	Lab Time	ELP Time	Point Value	Due
LEC 5A	Developing the Security Program	4	-	-	-	
HW 5A	Read Chapter 5. Evaluated by IC EX 5B	-	-	2	-	
HW 5C	Review of Text Readings (Chapter 1-6)	-	-	6	-	
PROJ 1A	Research Paper #1	-	-	-	100	
Exam 5A	Midterm Exam (Chapters 1-5)	2	-	-	250	Week 5
Total Week 5		6	0	8	380	

Week 6

Type	Topic/Description	Lec Time	Lab Time	ELP Time	Point Value	Due
LEC 6A	Risk Management	4	-	-	-	
HW 6A	Read Chapter 6 & 7. Evaluated by IC EX 6B	-	-	4	-	

HW 5B	Assignment #5	-	-	1	30	Week 7
LEC 6B/PROJ 2B	Project 2 assigned: Research Paper #2	.5	-	10	100	Week 10
Total Week 6		4.5	0	15	30	

Week 7						
Type	Topic/Description	Lec Time	Lab Time	ELP Time	Point Value	Due
LEC 7A	Access Control Models	4	-	-	-	
HW 7A	Read Chapters 8 & 9. Evaluated by IC EX 7B	-	-	4	-	
HW 7B	Assignment #6	-	-	2	30	Week 8
Total Week 7		4	0	6	30	

Week 8						
Type	Topic/Description	Lec Time	Lab Time	ELP Time	Point Value	Due
LEC 8A	Planning for Contingencies	4	-	-	-	
HW 8A	Read Chapter 10. Evaluated by IC EX 8B	-	-	2	-	
HW 7B	Assignment #7	-	-	1	30	Week 9
Total Week 8		4	0	3	30	

Week 9						
Type	Topic/Description	Lec Time	Lab Time	ELP Time	Point Value	Due
LEC 9A	Personnel & Security	4	-	-	-	
HW 9A	Read Chapter 11. Evaluated by IC EX 9B	-	-	2	-	

Type	Topic/Description	Lec Time	Lab Time	ELP Time	Point Value	Due
HW 9B	Assignment #8	-	-	1	30	Week 10
Total Week 9		4	-	3	30	

Week 10						
Type	Topic/Description	Lec Time	Lab Time	ELP Time	Point Value	Due
Lecture 10A	Protection Mechanisms	4	-	-	-	
HW 10A	Read Chapter 12. Evaluated by IC EX Final Exam	-	-	2	-	
HW 10B	Review of Text Readings (Chapter 1-12)	-	-	12	-	
PROJ 2B	Research Paper #2	-	-	-	100	Week 10
Exam 10A	Final Exam	-	-	-	250	
Total Week 10		4	0	14	350	

Course Hours Summary

Week	Topic	Lec Time	Lab Time	ELP Time
1	Principles of Information Security Management	4	0	15
2	Law & Ethics	4	0	3
3	Governance of Information Security	4	0	3
4	Security Policies	4	0	9
5	Developing the Security Program	4	0	8
6	Risk Management	4	0	15
7	Access Control Models	4	0	6
8	Planning for Contingencies	4	0	3
9	Personnel & Security	4	0	3
10	Protection Mechanisms	4	0	14
Total		40	0	79

Table/Point Breakdown

Week	Assignment	Possible Points	Percent of Grade
2	Assignment #1	30	3%
3	Assignment #2	30	3%
4	Assignment #3	30	3%
5	Assignment #4	30	3%
5	Research Paper #1	100	10%
5	Midterm	250	25%
6	Assignment #5	30	3%
7	Assignment #6	30	3%
8	Assignment #7	30	3%
9	Assignment #8	30	3%
10	Research Paper #2	100	10%
10	Final	250	25%
-	Discussion Threads	60	6.0%
Total		1000	100%

Your Grades for this Course

Your final grade for this course will be based on an assessment by the Instructor of your performance on a number of course activities, which may include objective tests, classroom exercises, laboratory demonstrations, project papers, or other types of activities. The chart below indicates in what activities you will engage, how many possible points can be earned for each activity, and the percentage of your final grade that will be accounted for by each activity.

Students in this course should be graded following Coleman University assessment practices and policies. A point system is used in the University to indicate student performance on various required activities or projects. For this course, it is recommended that points be distributed as follows: **Coleman University Grade Assignment Policy:**

Percent	Letter Grade	Grade Points
94-100	A	4
90-93	A-	3.67
87-89	B+	3.33
84-86	B	3
80-83	B-	2.67
77-79	C+	2.33
74-76	C	2
70-73	C-	1.67
67-69	D+	1.33
64-66	D	1
60-63	D-	0.67
N/A	INC	0
N/A	W	0
60 or above	CR	0
59 or below	NC	0
N/A	I	0
N/A	W	0
N/A	AU	0
N/A	TR	0
N/A	WV	0

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CR = Credit	NC = No Credit
I = Incomplete	W = Course Withdrawal
AU = Audit	TR = Transfer Credit

WV = Waiver	

Academic Accommodation / Adjustment Policy:

In accordance with Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act (ADA), Coleman University offers accommodations to students with documented physical, psychological, and/or cognitive disabilities. Coleman University will adhere to all applicable federal, state, and local laws, regulations, and guidelines with respect to providing reasonable accommodations as required to offer equal educational opportunities to qualified disabled individuals.

To qualify for an academic accommodation under ADA, the student must provide adequate documentation of a disability. Students seeking academic accommodations should contact the campus ADA Coordinator at 858-966-3953 or via email at ada@coleman.edu. The ADA Coordinator will review the documentation provided and verify ADA coverage. Students covered under ADA must meet with the ADA Coordinator at the beginning of every term to determine the appropriate academic accommodations. Failing to meet with the ADA Coordinator at the beginning of every term may impact the availability of accommodations.

After the academic accommodations have been determined, the students' instructors will be notified by the ADA Coordinator. If any problems or concerns regarding the provision of accommodations occur, the student must inform the ADA Coordinator. If the student feels accommodation is not being made appropriately, the student may follow the published Student Grievance Procedures.