CSM 389
Introduction to Legal and Ethical Issues in Cybersecurity
South Carolina State University
Spring 2019

1. About Instructor	
Instructor:	
Office:	
Office Phone:	
E-mail:	
Office Hour:	

2. About Course	
Text Book:	George W. Reynolds, Ethics in Information Technology, Sixth Edition, Cengage, 2019, ISBN-13: 9781337405874
Class Schedule:	
Course Description:	This course surveys the legal and ethical aspects of cybersecurity. Topics include ethics, privacy, laws, usability security, cybercrime and the social, psychological and cultural aspects of cybercrime. Emphasis will be placed on the theoretical as well as the practical aspects of issues. Term paper and case study will be required of the students.
Prerequisite:	CSM 188 or Consent of Instructor
Course Objectives	Students will gain an excellent foundation for ethical decision-making in situations likely encountered by current and future IT professionals and managers. Students will also develop the ability to thoroughly research situations that create ethical dilemmas in order to choose the most appropriate course(s) of action which minimize personal and organizational exposure to negative consequences that might otherwise result. Specific topic coverage includes: • Understand the issues of morality and technology at the Internet age. • Have an idea on the development of computer ethics. • Articulate the social trade-offs due to the rise of use of computers. • Know about the ethical problems which are raised at the Internet environment. • Identify the different types of computer crimes, and the ethical arguments of privacy • protection versus freedom of speech.

	• Understand the strengths and weaknesses of alternative approaches to protect privacy, • intellectual property, freedom of speech, and protection against computer malfunction • (hardware and software) and crime. • Distinguish among patent, copyright, and trade secret protections. • Address differences between local, regional, and international copyright laws. • Identify ethical issues that arise in a software development environment and how to address • them. • Understand the concept of professional ethics, and analyze an argument to identify • premises and conclusion (case studies). • Use examples, analogy, and counter-analogy in ethical arguments, and articulate the ethical • trade-offs in a technical decision.
Course Competencies	Upon completion of this course the students are expected to be able to demonstrate their knowledge in the following areas of the subject: • access control models • information security governance, • information security program assessment and metrics.
Expected Measurable Outcomes	To acquire the competencies in this course the students are required to accomplish the following: 7. Take all scheduled examinations and quizzes 2. Complete all homework assignments, term paper and presentation 3. Simulation/Programming Exercise
8. Course Outline by Topic	
Weeks 1-2	• Introduction, Chapters 1, 2 • Practice Exercises • Quiz 1 • Introduction to Python
Weeks 3-4	• Personal Security, Chapters 3, 4 • Practice Exercises • Quiz 2
Weeks 4-5	• Computer Security, Chapters 5, 6 • Labs 5, 6 • Practice Exercises • Quiz 3
Weeks 6-7	• Midterm Review

	• Practice Exercises • Midterm Exam
Weeks 8-9	• Chapters 7, 8 • Quiz 4 • Practice Exercises
Weeks 10-11	• Chapters 9, 10 • Quiz 5 • Practice Exercises • Discussion on Term Papert
Weeks 12-13	• Final Paper Presentation • Final report submission • Final Exam

4. Grading

	Class Participation 100 Homework/Design Project(s) 100 Project Report & Oral Presentation 200 Quizzes, Test, Final Exam 100 Total 500

5. Academic Integrity and Policies

	A. Assignments Students must submit all assignments on or before the due date. Assignments turned in after the class on the due date will be considered late by one day. There will be 10% deduction of marks for each day being late to submit the assignment. The work you submit must be entirely your own and copied assignments will not be given any credit. B. Test/Examination/Quizzes The test and quizzes dates will be announced in the class. Any student who misses a test, examination or quiz will be given zero (0) for that test, examination or quiz. Make-up text, examination or quiz will be given only in special cases. To be eligible for a make-up test, examination or quiz the following conditions must be met: • the student should inform the instructor well before the test, examination or quiz date. • written document supporting the reason for not being able to take the test, examination, or quiz should be submitted.