Syllabus: CNS477 – Legal Issues in Information Assurance

General Course Information

CNS 477 - LEGAL ISSUES IN INFORMATION ASSURANCE	Winter 2017
Instructor: Thomas Andrew (Andy) Reeder	Email: treeder2@depaul.edu
Meeting location/times: Section 801 (in class) ID: 21920; CS&TC 00220 (Loop campus); Tuesdays 5:45 – 9pm Section 810 (online), ID: 21921	Office hours: Mondays, 5:00p – 6:30p, CDM 635
Course homepage: https://d2l.depaul.edu Used for presentation materials, supplemental materials, and submission drop boxes	**Text:** Legal Issues in Information Security, 2nd Edition by Joanna Lyn Grama, 2015 Paperback: 550 pages; Publisher: Jones & Bartlett Learning; ISBN-13: 978-1-284-05474-3 Other reading materials are provided through URL links or posting to D2L

Description: This graduate course is a survey of issues related to the privacy and security of information in industry and government including a study of the surrounding legal concepts. Topics include

- Review of information security concepts (including risk assessment and control frameworks, threats, management, and governance)

- Privacy concepts (including privacy rights, breach reporting, and federal and state legal concepts); and

- Legal concepts related to jurisdiction, federal and state law, and property (e.g., intellectual property, trademarks, and copyright).

An emphasis will be placed on federal and state law establishing requirements for IT, security, and privacy controls; a review of international efforts around cybersecurity will also be presented. Classes will include discussions and review of current events related to information security and privacy as well as identification of relevant resources and events. The class will be a combination of lecture and discussion.

Prerequisite(s): CNS 440 or IS 433

(http://www.depaul.edu/university-catalog/degree-requirements/graduate/cdm/cybersecurity-ms/concentration-requirements/Pages/network-security.aspx)

Learning Objectives

- Understand key provisions of information security and privacy laws;

- Understand principles and applications of enterprise information security risk assessments, analyze relevant risks, conduct risk analysis, and apply risk management and enterprise risk governance practices;

- Develop an applied understanding of enterprise information security incident response, business continuity, disaster recovery planning from an organization, regulatory and legal perspective;

- Develop an applied understanding of the privacy protection concepts in information systems;

- Understand different types of intellectual property laws;

- Understand electronic data collection, digital evidence rules and procedures for e-Discovery and compliance

Class Schedule/Assignment Schedule

Week	Topics Covered/Lecture	Assignment Schedule
1	• Course Introduction • Information Security Overview (Ch. 1) • Information Security Governance (Ch. 13)	
2	• Corporate Information Security and Privacy Regulations (Ch. 7) and Internal Control Frameworks • Risk Analysis and Risk Assessment Frameworks (Ch. 14)	Discussion (previous week) (Online Class) Article (previous week)
3	• The American Legal System (Ch. 3) • The Role of Contracts (Ch. 11)	Discussion (previous week) (Online Class) Article (previous week)
4	• Intellectual Property Law (Ch. 10) • Criminal Law and Tort Law Issues in Cyberspace (Ch. 12)	Discussion (previous week) (Online Class) Article (previous week)
5	• Privacy Overview (Ch. 2) • State Laws Protecting Citizen Information and Breach Notification Laws (Ch. 9)	Discussion (previous week) (Online Class) Article (previous week) *Mid-Term Paper*
6	• Security and Privacy of Consumer Financial Information (Ch. 4) • Security and Privacy of Information Belonging to Children and in Educational Records (Ch. 5)	Discussion (previous week) (Online Class) Article (previous week)
7	• Security and Privacy of Health Information (Ch. 6) • Federal Government Information Security and Privacy Regulation (Ch. 8)	Discussion (previous week) (Online Class) Article (previous week)

Week	Topics Covered/Lecture	Assignment Schedule
8	• Incident Response, and Contingency Planning (Ch. 14) • Computer Forensics, Investigations and e-Discovery (Ch. 15)	Discussion (previous week) (Online Class) Article (previous week)
9	• Special Topics • International Cybercrime and Information Security • Careers in Information Security and Privacy	Discussion (previous week) (Online Class) Article (previous week)
10	• Special Topics	Discussion (previous week) (Online Class) Article (previous week)
11	• Final Exam/Final Class	Discussion (previous week) (Online Class) Article (previous week) ***Final Project***

Course Policies

Changes to Syllabus. This syllabus is subject to change as necessary during the quarter. If a change occurs, it will be addressed during class and posted at the standard class link on the DePaul website

Professionalism. As graduate students, the bar has been raised, and along with that, an expectation of professionalism is desired. **All assignments are to include a document heading with your Name, Course number, Assignment title, Date.** Correct spelling and grammar are very important; use *spell check* and *grammar check* where possible. Use line-spacing, bullet-points, and other *formatting to improve the readability* of your documents. In general, presentation matters, not only in this course, but in the industry, as well.

Academic Integrity and Plagiarism. This course will be subject to the academic integrity policy passed by faculty. More information can be found at http://academicintegrity.depaul.edu/.

The university and school policy on plagiarism can be summarized as follows: Students in this course should be aware of the strong sanctions that can be imposed against someone guilty of plagiarism. If proven, a charge of plagiarism could result in an automatic F in the course and possible expulsion. The strongest of sanctions will be imposed on anyone who submits as his/her own work any assignment which has been prepared by someone else. If you have any questions or doubts about what plagiarism entails or how to properly acknowledge source materials be sure to consult the instructor.

Students with Disabilities. Students who feel they may need an accommodation based on the impact of a disability should contact the instructor privately to discuss their specific needs. All discussions will remain confidential. To ensure that you receive the most appropriate accommodation based on your needs, contact the instructor as early as possible in the quarter (preferably within the first week of class),

and make sure that you have contacted the Center for Students with Disabilities (CSD) at: Student Center, LPC, Suite #370, Phone number: (773)325.1677, Fax: (773)325.3720, TTY: (773)325.7296

Online Course Evaluations. Instructor and course evaluations provide valuable feedback that can improve teaching and learning. The greater the level of participation, the more useful the results. As students, you are in the unique position to view the instructor over time. Your comments about what works and what doesn't can help faculty build on the elements of the course that are strong and improve those that are weak. Isolated comments from students and instructors' peers may also be helpful, but evaluation results based on high response rates may be statistically reliable (believable). As you experience this course and material, think about how your learning is impacted. Your honest opinions about your experience in and commitment to the course and your learning may help improve some components of the course for the next group of students. Positive comments also show the department chairs and college deans the commitment of instructors to the university and teaching evaluation results are one component used in annual performance reviews (including salary raises and promotion/tenure). The evaluation of the instructor and course provides you an opportunity to make your voice heard on an important issue — the quality of teaching at DePaul. Don't miss this opportunity to provide feedback!

Other Course Expectations and Guidelines

Attendance:

- **In Class:** Students are expected to attend each class and to remain for the duration of the class. Late arrivals or departures should be discussed in advance with the Instructor.

- **Online**: Students are expected to watch each week's lecture online and turn in assignments as indicated. Failure to turn in assignments will count as a class absence.

Three absences for any reason, whether excused or not, may constitute failure for the course. The exceptions are a family or medical emergency or extenuating circumstances that are supported by documentation or evidence. Guest speakers are announced in advance if possible; all in-class students are expected to be present during guest lectures.

(Note: It is not possible for students to informally "switch" class types after the course has started (i.e., online students must attend online and in class students must attend in class))

Excused Absence. To petition for an excused absence, students who miss class due to illness or significant personal circumstances should complete the Absence Notification process through the Dean of Students office. The form can be accessed at http://studentaffairs.depaul.edu/dos/forms.html. Students must submit supporting documentation alongside the form. The professor reserves the sole right whether to offer an excused absence and/or academic accommodations for an excused absence.

Attitude. A professional and academic attitude is expected throughout this course. Measurable examples of non-academic or unprofessional attitude include but are not limited to: talking to others when the instructor is speaking, mocking another's opinion, cell phones ringing, emailing, texting or using the Internet whether on a phone or computer. If any issues arise a student may be asked to leave the classroom. The professor will work with the Dean of Students Office to navigate such student issues.

Cell Phones/Mobile Devices. If you bring a cell phone or a mobile device to class, the call feature must be **off or set to a silent mode**. Should you need to answer a phone call during class, students must leave the room in an undisruptive manner. Out of respect to fellow students and the professor, texting is never allowable in class. If you are required to be on call as part of your job, please advise me at the start of the course. **Laptops should ONLY be used in class for note-taking or in-class research.**

Civil Discourse. DePaul University is a community that thrives on open discourse that challenges students, both intellectually and personally, to be Socially Responsible Leaders. It is the expectation that all dialogue in this course is civil and respectful of the dignity of each student. Any instances of disrespect or hostility can jeopardize a student's ability to be successful in the course. The professor will partner with the Dean of Students Office to assist in managing such issues.

Withdrawal. Students who withdraw from the course do so by using the Campus Connection system (http://campusconnect.depaul.edu). Withdrawals processed via this system are effective the day on which they are made. Simply ceasing to attend, or notifying the instructor, or nonpayment of tuition, does not constitute an official withdrawal from class and will result in academic as well as financial penalty.

Retroactive Withdrawal. This policy exists to assist students for whom extenuating circumstances prevented them from meeting the withdrawal deadline. During their college career, students may be allowed one medical/personal administrative withdrawal and one college office administrative withdrawal, each for one or more courses in a single term. Repeated requests will not be considered. Submitting an appeal for retroactive withdrawal does not guarantee approval. College office appeals for CDM students must be submitted online via MyCDM. The deadlines for submitting appeals are as follows:

- Autumn Quarter: Last day of the last final exam of the subsequent winter quarter

- Winter Quarter: Last day of the last final exam of the subsequent spring quarter

- Spring Quarter: Last day of the last final exam of the subsequent autumn quarter

- Summer Terms: Last day of the last final exam of the subsequent autumn quarter

Incomplete. An incomplete grade is a special, temporary grade that may be assigned by an instructor when unforeseeable circumstances prevent a student from completing course requirements by the end of the term and when otherwise the student had a record of satisfactory progress in the course. CDM policy requires the student to initiate the request for incomplete grade before the end of the term in which the course is taken. Prior to submitting the incomplete request, the student must discuss the circumstances with the instructor. Students may initiate the incomplete request process in MyCDM.

- All incomplete requests must be approved by the instructor of the course and a CDM Associate Dean. Only exceptions cases will receive such approval.

- If approved, students are required to complete all remaining course requirement independently in consultation with the instructor by the deadline indicated on the incomplete request form.

- By default, an incomplete grade will automatically change to a grade of F after two quarters have elapsed (excluding summer) unless another grade is recorded by the instructor.

An incomplete grade does NOT grant the student permission to attend the same course in a future quarter.

Assignments/Grading

Assignment	Description	Percentage of Grade
Class Participation	Students must keep up with the readings to participate in class discussion. The class participation grade includes active participation in class discussions and responding to questions by other students. *__In Class Students__*. Participation in class discussions will be measured by students actively asking questions and offering comments relevant to the day's topic or by the instructor asking students to offer comments related to the reading assignments. *__Online Students__*. • Post to D2L by selecting and responding to at least 2 questions from the week's presentation (both questions should be included in a single post); • Respond in D2L to at least 2 other students' postings • Due by 4p the day before class	12%
Articles	Choose an article related to the week's topic in a popular or scholarly publication and write a short summary of the topic. • Summaries should be no more than one page and no more than 1-3 paragraphs • Submit to D2L as .pdf as the preferred format • Include the article citation (article title, author, publication, pages, date, and URL (if found online) (see APA guide for format)) • Due by 4p the day before class In addition, all students must present one of their weekly article summaries in class – a sign-up will be provided for this. Online students may present either by sending in a video or sound recording – or, by a phone call made by the Instructor.	18%
Mid-Term Paper	2-3 pages on topic of interest related to course content (hint: this can be used to build content/knowledge for the final project). Submit to D2L as .pdf as the preferred format – and include a minimum of 2 reference citations (article title, author, publication, pages, date, and URL (if found online) (see APA guide for format))	30%
Final Project	Write a policy, plan, or terms for a fictional entity that you create based on an industry (such as (but not exclusive to)	40%

Assignment	Description	Percentage of Grade
	financial, healthcare, retail, non-profit) or government entity (e.g., federal or any state). Place yourself as an employee or consultant for the entity and write a deliverable that can be implemented to achieve regulatory requirements. Include a minimum of 2 reference citations (article title, author, publication, pages, date, and URL (if found online) (see APA guide for format)) Due by March 14, 8:30p (Final Exam date) The Final Project consists of two (2) parts (see more detailed explanation of writing requirements posted on D2L) Part I: Scenario **AND** Part II: Deliverable (just one of the following) - Website Privacy Policy - Privacy Policy - Breach Notification Policy - Incident Response Policy - Disaster Recovery Policy - Information Security Policy - Risk Assessment Project Plan - Terms of Use Agreement	

Note: For report and document preparation and citations, use APA (American Psychological Association), Purdue's OWL (Online Writing Lab) - https://owl.english.purdue.edu/owl/resource/560/01/

Late Submissions. Late submissions will be permitted past a due date but with a 10%-point reduction for each missed day. Discuss any circumstances with the instructor if a late submission becomes necessary.

Grading Scale (based on 100 points = 100%)

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93   A
90   A-
87   B+
83   B
80   B-
77   C+
73   C
70   C-
60   D
<60  F
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