

### **General Course Information**

CNS 477 - LEGAL ISSUES IN INFORMATION ASSURANCE

Autumn Quarter 2016

**Instructor:** Thomas Andrew (Andy) Reeder, email: [treeder2@cdm.depaul.edu](mailto:treeder2@cdm.depaul.edu) ; Office hours: Tuesdays, 5:30p – 7p

**Meeting location/times:** Section 701 (in class) ID: 32544 - Lewis 1208 (Loop campus); Thursdays 5:45 – 9pm; Section 710 (online), ID: 32546

**Course homepage:** <https://d2l.depaul.edu> used for presentation materials, supplemental materials, and submission drop boxes

**Description:** This graduate course is a survey of legal issues arising under information security and control frameworks such as COBIT and ISO17799. Topics include the basics of trademark, copyright, patent and trade secrets and protection strategies for each of them; software licensing issues; data privacy under state, federal and international law; evidence and digital forensic practices; ethics; the Computer Fraud and Abuse Act's boundaries for illegal access to computers; electronic surveillance and cyber traps; information security measures mandated by select federal statutes (HIPAA, Gramm-Leach-Bliley and Sarbanes-Oxley); and practical techniques on how to find and keep abreast of legal issues affecting information security.

**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> )

The class will be a combination of lecture and discussion.

**Text:** Legal Issues In Information Security, 2nd Edition by Joanna Lyn Grama, 2015 (note: the copyright is 2015, though Amazon shows the release date as 2014; same book); Paperback: 550 pages; Publisher: Jones & Bartlett Learning; ISBN-13: 978-1-284-05474-3

Other reading materials are provided through URL links or paper copy

### **Learning Objectives**

- Understand key provisions of information security and privacy laws;
- Understand different types of intellectual property 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;
- Understand electronic data collection, digital evidence rules and procedures for e-Discovery and compliance;
- Develop an applied understanding of the privacy protection concepts in information systems; and
- Develop an applied understanding of enterprise information security incidence response, business continuity, disaster recovery planning from an organization, regulatory and legal perspective

Week	Topics Covered/Lecture
8-Sep	<ul style="list-style-type: none"><li>• Information Security and Privacy Overview (Ch. 1, 2)</li><li>• The American Legal System (Ch. 3)</li></ul>
15-Sep	<ul style="list-style-type: none"><li>• Security and Privacy of Health Information (Ch. 6)</li><li>• Corporate Information Security and Privacy Regulations (Ch. 7)</li></ul>

## Syllabus: CNS477 – Legal Issues in Information Assurance

22-Sep	<ul style="list-style-type: none"><li>• Security and Privacy of Consumer Financial Information (Ch. 4)</li><li>• Security and Privacy of Information Belonging to Children and in Educational Records (Ch. 5)</li></ul>
29-Sep	<ul style="list-style-type: none"><li>• Federal Government Information Security and Privacy Regulation (Ch. 8)</li><li>• State Laws Protecting Citizen Information and Breach Notification Laws (Ch. 9)</li></ul>
6-Oct	<ul style="list-style-type: none"><li>• Intellectual Property Law (Ch. 10)</li><li>• The Role of Contracts (Ch. 11)</li></ul>
13-Oct	<ul style="list-style-type: none"><li>• Criminal Law and Tort Law Issues in Cyberspace (Ch. 12)</li><li>• Information Security Governance (Ch. 13)</li></ul>
20-Oct	<ul style="list-style-type: none"><li>• Risk Analysis, Incident Response, and Contingency Planning (Ch. 14)</li></ul>
27-Oct	<ul style="list-style-type: none"><li>• Computer Forensics, Investigations and e-Discovery (Ch. 15)</li></ul>
3-Nov	<ul style="list-style-type: none"><li>• Special Topics</li></ul>
10-Nov	<ul style="list-style-type: none"><li>• Special Topics</li></ul>
17-Nov	<ul style="list-style-type: none"><li>• Final Exam/Final Class</li></ul>

### **Course Policies**

**Changes to Syllabus:** This syllabus is subject to change as necessary during the quarter. If a change occurs, it will be thoroughly addressed during class, posted under Announcements in D2L and sent via email.

**Late Submissions.** Late submissions will be permitted up to 2 days past a due date but with a letter grade reduction for each missed day. Extensions will not be provided unless extenuating circumstances exist. Discuss any circumstances with the instructor if a late submission becomes necessary.

**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, the course number CNS 477, the title of the assignment, and a date (or the quarter and calendar year).**

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.

**Return E-mail.** Please begin the subject line of any email to me with "CNS 477", so it is easy to identify your messages. I reply to most email messages within 2-3 business days upon receipt. E-mail is a preferred means of communication between faculty and students enrolled in this course. Please ensure that the email listed under your "demographic information" at <http://campusconnect.depaul.edu> is correct. **I do not respond to text messages.**

**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.

**Incomplete.** An incomplete grade is given only for an exceptional reason such as a death in the family, a serious illness, etc. Any such reason must be documented. Any incomplete request must be made at least two weeks before the final, and approved by the Dean of the College of Computing and Digital Media. Any consequences resulting from a poor grade for the course will not be considered as valid reasons for such a request.

**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.** Students are expected to attend each class and to remain for the duration of the class. Coming 15 minutes late or leaving 15 minutes early constitutes **an absence** for the student. The overall grade for participation drops one-third after any 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.

**Excused Absence.** In order 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/ On Call.** 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 undistruptive 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.

**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	Percentage of Grade
<p><b>Class Participation:</b> Students must keep up with the readings to participate in class discussion. The class participation grade includes active participation in class discussions.</p> <p><b><u>In Class Students.</u></b> participation in class discussions will be measured either by students 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. The class instructor will periodically take attendance. Guest speakers will be announced in advance, if possible.</p> <p><b><u>Online Students.</u></b> Participation is awarded by posting comments to items marked as "Question" in the presentations (minimum of 2) and by providing other comments or questions related to the week's materials.</p>	10%
<p><b>Articles:</b> Identify and cite at least one article related to each week's topics and provide a short summary of the article (see style guide for format). Due by Wednesday prior to start of next week class;</p>	20%
<p><b>Final Paper Proposal:</b> 2-3 pages; include title, thesis statement (short paragraph), summary outline, references (minimum of five (5), 1 – 2 sentences, including why selected) (see style guide for format); Due by October 6, 2016</p>	30%
<p><b>Final Paper:</b> 5-10 pages (content) based on proposal submitted (see style guide for format); Due by November 17, 2016</p>	40%

**Grading Scale**

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

- Note: For citations, use APA (For disciplines in the social sciences), Purdue's OWL (Online Writing Lab) - <http://condor.depaul.edu/writing/writers/citations.html>