

## **Syllabus**

**Course Title: CyberCrime and IT Compliance**

**Course Number: CN 463**

### **Course Description:**

Examines societal, ethical, and legal issues involved in information assurance as implemented through ethics and laws. Analysis of compliance themes that affect IT environment for financial, publicly traded, and healthcare organizations as well as industry regulations.

Prerequisite Courses:

CN 461 Fundamentals of E-Security II

### **Course Overview**

This course examines the societal, ethical, and legal issues involved in information assurance as implemented through American ethics and laws. Analysis of compliance themes that affect the IT environment for financial, publicly traded, and healthcare organizations as well as industry regulations.

Often what we consider unethical is dictated by our values. Those values are determined by significant people who are influential in society. Laws are often determined by that same legal society and influenced by those values and ethical considerations. Web sites and E-Commerce are conducted in a global economy, which is not always subject to American ethics or laws.

Key concepts to be covered in this course include:

- Ethics and the Information Technology (IT) Professional
- Social and Ethical Issues in New Technology
- Technology and U.S. Liberties
- Computer Laws and Regulations
- Health Insurance Portability and Accountability Act
- Sarbanes-Oxley Act
- Payment Card Industry Compliance
- Data Access, Morality, and Ethics

## Course Outcomes:

Upon completion of this course, learners should be able to:

- Understanding of the ethical foundations of American society
- Comprehension of the fact that American values and ethics are not shared in other nations
- Integration of the ethical and legal issues facing security architects and engineers.
- Demonstrate knowledge of the US Laws that govern Cyber Crime and the management of IT systems by individuals and organizations.
- Describe the implications of the most important federal laws as they apply to the management of information today.

## Course Materials:

### Required Texts:

Kizza, J. M. (2013). *Ethical and Social Issues in the Information Age* (5th ed.): Springer. ISBN 1447149890, 978-1447149897.

Easttom, C., & Taylor, J. (2011). *Computer crime, investigation, and the law*. Boston, MA: Course Technology. ISBN: 978-1-4354-5532-0 or 1-4354-5532-0.

American Psychological Association. (2010). *Publication Manual of the American Psychological Association (6th ed.)*. Washington, DC: American Psychological Association. ISBN 1433805618, 978-1433805615. Companion website: <http://www.apastyle.org>.

### Required Resources:

Merims, A., Baumgarten, C., Hirsch, G., Butan, M., Paseornek, M. (Producers) & Ray, B. (Director). (2004, March 23). *Shattered Glass* [Motion picture]. USA: Lions Gate Films. Can be rented.

Bradbury, D. (2007). Decoding Digital Rights Management. *Computers & Security* 26(1), 31-33. DOI: 10.1016/j.cose.2006.12.006, <http://dml.regis.edu/login?url=http://www.sciencedirect.com/science/article/pii/S0167404806002136>

Glass, S. (1998, May 18). Washington scene: hack heaven. *The New Republic*.

Kamal, A. (2005). *The Law of cyber-space* (Adobe Digital Edition), Retrieved from <http://www.un.int/kamal/thelawofcyberspace/The%20Law%20of%20Cyber-Space.pdf>

Office of Civil Rights, . (2008). *Health information technology and HIPAA*. Retrieved from <http://www.hhs.gov/ocr/privacy/hipaa/understanding/special/healthit/introduction.pdf>

Organization for Economic Co-operation and Development, Initials. (2010). *OECD guidelines on the protection of privacy and transborder flows of personal data*. Retrieved

from [http://www.oecd.org/document/20/0,3343,en\\_2649\\_34255\\_15589524\\_1\\_1\\_1\\_1,00.html](http://www.oecd.org/document/20/0,3343,en_2649_34255_15589524_1_1_1_1,00.html)

Oxley, M. (2002). Public law 107–204—July 30, 2002. Retrieved from [http://frwebgate.access.gpo.gov/cgi-bin/getdoc.cgi?dbname=107\\_cong\\_public\\_laws&docid=f:publ204.107.pdf](http://frwebgate.access.gpo.gov/cgi-bin/getdoc.cgi?dbname=107_cong_public_laws&docid=f:publ204.107.pdf)

PCI Security Standards Council. (2009, July). *Payment card industry (PCI) data security standard*. Retrieved from [https://www.pcisecuritystandards.org/security\\_standards/download.html?id=pci\\_dss\\_v1-2.pdf](https://www.pcisecuritystandards.org/security_standards/download.html?id=pci_dss_v1-2.pdf)

Powell, M.K. (2004). Preserving internet freedom: guiding principles for the industry. *Journal on Telecommunications and High Technology Law*. Retrieved from [http://www.jthtl.org/content/articles/V3I1/JTHTLv3i1\\_Powell.PDF](http://www.jthtl.org/content/articles/V3I1/JTHTLv3i1_Powell.PDF)

United States District Court for the Northern District of Illinois Eastern Division. (2007, December 17). *Complaint for civil penalties, injunctive and other relief*. Retrieved from <http://www.ftc.gov/os/caselist/0623103/071217americanunitedmrtgcmplt.pdf>

United States District Court for the Northern District of Illinois Eastern Division. (2007, December 17). *Stipulated final judgment and order for civil penalties, permanent injunction, and other equitable relief*. Retrieved from <http://www.ftc.gov/os/caselist/0623103/071217americanunitedmrtgstipfinal.pdf>

U.S. Copyright Office. (2008, October 28). *The digital millennium copyright act of 1998*. Retrieved from <http://www.copyright.gov/legislation/dmca.pdf>

### **Technology Tools:**

*For Online Classes:*

- Microphone, Cell Phone with ability to record video or audio, Video Camera, or other technology for final presentation.
- Rental or purchase of the “Hack Heaven” video.

### **Optional Materials:**

Glass, S. (2003). *The Fabulist: A Novel*. Simon & Schuster: New York.

### **Pre-Assignment:**

**Online Format:** Sign on to D2L (Home Page) and become familiar with the course navigation of the Web Curriculum. 1-4 in the Kizza book, and the Hack Heaven article by Steven Glass.

**Classroom-based Format:** 1-4 in the Kizza book, and the Hack Heaven article by Steven Glass.

### **Pre-Assignment Due Dates:**

**Classroom-based Format:** This assignment is due the first night of class.

**Online Format:** The instructor will specify the due date for this assignment.

**Course Assignments and Activities:**

	Topics	Readings	Activities Assignments and Associated Points
1	Ethics and the Information Technology (IT) Professional	Text Kizza: Chapters 1, 2, 3, & 4 Washington Scene: Hack Heaven article (1998)	Class Discussion: <ul style="list-style-type: none"> <li>• Introductions</li> <li>• Discuss Professional Ethics (30 points)</li> </ul> Written Assignment: <ul style="list-style-type: none"> <li>• Code of Ethics/Conduct Paper (50 points)</li> </ul>
2	Social and Ethical Issues in New Technology	Text Kizza: Chapters 7 and 10	Class Discussion: <ul style="list-style-type: none"> <li>• Privacy and Employee Monitoring Discussion (30 points)</li> </ul> Written Assignment: <ul style="list-style-type: none"> <li>• Research an Emerging Technology (50 points)</li> </ul>
3	Technology and U.S. Liberties	Text Kizza: chapters 5 and 6 Digital Millennium Copyright Act of 1998 Bradbury (2007). Decoding Digital Rights Management	Class Discussion: <ul style="list-style-type: none"> <li>• Discuss Intellectual Property and its protection (30 points)</li> </ul> Written Assignment: <ul style="list-style-type: none"> <li>• Digital Rights Management Paper(50 points)</li> </ul>
4	Computer Laws and Regulations	Text Easttom: Chapters 2, 3, & 4 Powell (2004). Preserving Internet Freedom	Class Discussion: <ul style="list-style-type: none"> <li>• Discuss Computer Crime Laws (30 points)</li> </ul> Written Assignment: <ul style="list-style-type: none"> <li>• Computer Crime Paper (100 points)</li> </ul>
5	Health Insurance Portability Accountability Act	HIPAA PDF	Class Discussion: <ul style="list-style-type: none"> <li>• Discuss HIPAA and its implementation in IT systems (30 points)</li> </ul> Written Assignment: <ul style="list-style-type: none"> <li>• Access to Medical Records Discussion and Paper (100 points)</li> </ul>
6	The Sarbanes-Oxley Act	Text Easttom: Chapters 11, 12, & 13 Public Law 107-204 (2002)	Class Discussion: <ul style="list-style-type: none"> <li>• Discuss Sarbanes-Oxley (30 points)</li> </ul> Written Assignment: <ul style="list-style-type: none"> <li>• Sarbanes-Oxley Act Paper (100 points)</li> </ul>

7	Purchasing Card Industry Compliance	Payment Card Industry (PCI) Data Security Standard (2009) American United Mortgage - Complaint for Civil Penalties (2007) American United Mortgage - Stipulated Final Judgment (2007)	Class Discussion: <ul style="list-style-type: none"> <li>Discuss PCI and the handling of financial transaction data (30 points)</li> </ul> Written Assignment: <ul style="list-style-type: none"> <li>Purchasing Card Industry Compliance Paper (Legal Analysis and Paper on Case Study: US vs. AUMC) (200 points)</li> </ul> Presentation (100 points)
8	Data Access, Morality and Ethics	OECD Guidelines Kamal (2005) – The Law of Cyber Space - Chapters 2, 3, 4, 22, 24, 26	Class Discussion: <ul style="list-style-type: none"> <li>Discuss International Cybercrime Laws (30 points)</li> <li>Review and Discussion of peers' presentations (40 points)</li> </ul>
			<b>Maximum Points Possible: 1000</b>

## Course Policies and Procedures

### CC&IS Grading Scale

Letter Grade	Percentage	Grade Point
A	93 to 100	4.00
A–	90 to less than 93	3.67
B+	87 to less than 90	3.33
B	83 to less than 87	3.00
B–	80 to less than 83	2.67
C+	77 to less than 80	2.33
C	73 to less than 77	2.00
C–	70 to less than 73	1.67
D+	67 to less than 70	1.33
D	63 to less than 67	1.00
D-	60 to less than 63	.67
F	Less than 60	0

Additional information about grading can be found in the latest edition of the University Catalog, available at <http://www.regis.edu/Academics/Course%20Catalog.aspx>.

## CC&IS Policies and Procedures

Each of the following CC&IS Policies & Procedures is incorporated here by reference. Students are expected to review this information each term, and agree to the policies and procedures as identified here and specified in the latest edition of the University Catalog, available at <http://www.regis.edu/Academics/Course%20Catalog.aspx> or at the link provided.

- The CC&IS Academic Integrity Policy.
- The Student Honor Code and Student Standards of Conduct.
- Incomplete Grade Policy, Pass / No Pass Grades, Grade Reports.
- The Information Privacy policy and FERPA. For more information regarding FERPA, visit the [U.S. Department of Education](http://www.ed.gov).
- The HIPAA policies for protected health information. The complete Regis University HIPAA Privacy & Security policy can be found here: <http://www.regis.edu/About-Regis-University/University-Offices-and-Services/Auxiliary-Business/HIPAA.aspx>.
- The Human Subjects Institutional Review Board (IRB) procedures. More information about the IRB and its processes can be found here: <http://regis.edu/Academics/Academic-Grants/Proposals/Regis-Information/IRB.aspx>.

The CC&IS Policies & Procedures Syllabus Addendum summarizes additional important policies including, Diversity, Equal Access, Disability Services, and Attendance & Participation that apply to every course offered by the College of Computer & Information Sciences at Regis University. A copy of the CC&IS Policies & Procedures Syllabus Addendum can be found here: <https://in2.regis.edu/sites/ccis/policies/Repository/CCIS%20Syllabus%20Addendum.docx>.