

Course Syllabus

Course Prefix, Number, and Title:

CSC 321 Information Security Management
D01- Campus Section

Credits:

3

University Name:

Dakota State University

Academic Term/Year:

Spring 2020

Last date to Drop and receive 100% refund:

January 22, 2020

Last date to Withdraw and earn a grade of 'W':

March 25, 2020

Course Meeting Time and Location:

D01 MWF 2PM-2:50PM East Hall 105

Instructor Information:

Name:

Dr. Pam Rowland
Kanthi Narukonda

Office:

EH 329

Phone Number(s):

605-256-5037

Email Address:

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Office Hours:

M/T/W/Th/F 9AM-Noon, MadLabs or EH 329. Please email or text me to find out where I am on a particular day. Pam.rowland@dsu.edu or 605-480-3405

Approved Course Description:

Catalog Description:

Students will learn the fundamental concepts in managing information protection in an organization. The course will review information security programs, security policies and procedures, as well as investigate disaster recovery, security awareness and I.T. auditing concepts.

In addition, students will understand and interpret current regulatory bodies that influence businesses from an IT security standpoint. This is a writing-intensive course which will provide students multiple opportunities to document information security decisions for an organization to operationalize.

Prerequisites:

Course Prerequisite(s):

CSC 105 and 30+ credits completed

Course Materials:

Required Textbook(s):

Management of Information security

By Michael E. Whitman & Herbert J. Mattord | 6th Edition | ISBN-13: 978-1-337-40571-3

Student Support:

DSU Knowledge Base:

The DSU Knowledge Base contains links and resources to help students by providing information about the following topics: User Accounts & Passwords, Academic Tools & Resources, Software & Apps Support, WiFi & Network Access, Campus Emergency Alert System, Campus Printing, IT Security & Safe Computing, and the Support Desk (which is there to help both on and off-campus students). The Knowledge Base can be accessed through the link below:

- [DSU Knowledge Base](#)

D2L Support for Students:

The D2L Support for Students site is designed to provide DSU students a D2L support resource center that contains user guides, tutorials, and tips for using the D2L learning environment. The D2L Support for Students site can be accessed through the link below:

- [DSU D2L Support Resources for Students](#)

Course Delivery and Instructional Methods:

Instructional methods will include the use of labs, lectures, notes, textbook, e-mail, discussion and student presentation. Your instructor will serve as a mentor a guide. **You will be responsible for keeping up with the course material.**

- Projects will be unique and personalized
- Labs, Assessments, and Projects will relate to what you have learned in your reading and lectures.
- Discussion – you will be expected to participate in discussion board topics and respond to classmate's posts.

Classroom Policies:

Attendance and Make-up Policy:

You are responsible to watch D2L for due dates/times and virtual course work/presentations. Attendance will be taken for the above listed requirements.

- Late Work (Missed Assignments):
 - **No late work will be accepted.**

Accessibility Statement:

Dakota State University strives to ensure that physical resources, as well as information and communication technologies, are accessible to users in order to provide equal access to all. If you encounter any accessibility issues, you are encouraged to immediately contact the instructor of the course and Dakota State University's ADA Office, which will work to resolve the issue as quickly as possible.

DSU's ADA Office is located in the Learning Engagement Center and can be contacted by calling 605-256-5121 or emailing dsu-ada@dsu.edu. Students seeking ADA accommodations (such as non-standard note taking or extended time and/or a quiet space taking exams and quizzes) can log into the DSU portal to access <https://portal.sdbor.edu/dsu-student/student-resources/disability-services/Pages/default.aspx/> for additional information and the link to the Disability Services Request Form. You will need to provide documentation of your disability and the ADA Coordinator must confirm the need before officially authorizing accommodations.

Academic Honesty Statement:

Cheating and other forms of academic dishonesty run contrary to the purpose of higher education and will not be tolerated in this course. Please be advised that, when the instructor suspects plagiarism, the Internet and other standard means of plagiarism detection will be used to resolve the instructor's concerns. The South Dakota Board of Regents Student Academic Misconduct Policy can be found here: [SDBOR Policy 2.33](#). All forms of academic dishonesty will result in a failing grade and may result in failing the course.

Communication and Feedback:

Preferred Email Contact Method:

Pam.Rowland@dsu.edu **Do not use D2L mail. I do not check D2L mail.**

Email Response Time:

You will receive an email within 24 hours of initial contact, longer over weekends and holidays.

Feedback on Assignments:

You can expect feedback within one week of submission, with the exception of longer papers.

Requirements for Course Interaction:

Interaction with your classmates is an important part of learning. Campus students, you will be expected to participate in respectful dialog and discussion during class. Both Campus and Online students, you will be expected to post in the discussion board and respond to other students' posts.

Student Learning Outcomes and Evaluation Procedures:

DISCUSSION:

Discussions will happen within the classroom. You are expected to participate.

ASSIGNMENTS:

The course consists of a series of writing assignments. The questions will be based from the textbook's real-world case studies. All assignments are currently open for completion and close dates are shown on the course calendar. All work **must be cited** (any style is acceptable). Assignments will be graded within one week of due date and returned with feedback in the drop box.

QUIZZES:

The course has at least twelve (12) quizzes. They will be objective in nature with each quiz being worth 20 points each. The quizzes will be open book, open note and be taken as scheduled. They have been developed to persuade the learner to read the required text which will help with skill-set development.

SECURITY PROJECT:

The course includes (1) security project. This project can be any undertaking of your choice including: security project, security research, security software development, security service, etc. You will submit a project proposal and unless you hear from me otherwise your project is approved. Projects will be worth 200 points.

EXAMINATION:

The course includes a midterm and a final.

Evaluation Procedures:

Assessments:

Weekly videos (attendance), Labs, Exams, Quizzes.

Performance Standards and Grading Policy:

The final letter grade will be based on the following scale:

- 90% - 100% - ----- "A"
- 80 - 89.9% - ----- "B"
- 70 - 79.9% - ----- "C"
- 60 - 69.9% - ----- "D"
- Less than 60% - ----- "F"

Weight

- Quizzes/Exams and final project: 60%
- Labs: 40%

Student Verification Statement and Proctoring Policy:

Federal law requires that universities verify the identity of students when course materials and/or course assessment activities are conducted either partially or entirely online. A student's Desire2Learn (D2L) login and password are intended to provide the student with secure access

to course materials and are also intended to help the university meet this federal mandate. Some DSU Faculty also require the use of a proctor for exams in distance-delivered (Internet) courses and this requirement provides a second level of student identity verification. Students are responsible for any proctoring fees, if applicable. Finally, an instructor who uses web conferencing technology may require students to use a webcam during exams, as another means of student identity verification through voice and visual recognition.

Tentative Course Outline and Schedule:

Week	Date	Topics, Assignments, Quizzes, Tests, Deadlines
1	January 13, 2020	Introduction
2	January 20, 2020	CH1: Introduction to the Management of Information Security
3	January 27, 2020	CH2: Law and Ethics
4	February 3, 2020	CH3: Governance and Strategic Planning for Security
5	February 10, 2020	CH4: Information Security Policy
6	February 19, 2020	CH5: Developing the Security Program
7	February 24, 2020	CH6: Risk Management: Assessing Risk
8	March 2, 2020	CH7: Risk Management: Treating Risk
9	March 7, 2020	SPRING BREAK
10	March 16 2020	CH8: Security Management Models
11	March 23, 2020	CH9: Security Management Practices
12	March 30, 2020	CH10: Planning for Contingencies
13	April 6, 2020	CH11: Security Maintenance
14	April 13, 2020	MAKE UP WEEK
15	April 20, 2020	CH12: Protection Mechanisms
16	April 27, 2020	REVIEW AND FINAL PROJECT DUE

Freedom in Learning Statement:

Students are responsible for learning the content of any course of study in which they are enrolled. Under Board of Regents and University policy, student academic performance shall be evaluated solely on an academic basis and students should be free to take reasoned exception to the data or views offered in any course of study. It has always been the policy of Dakota State University to allow students to appeal the decisions of faculty, administrative, and staff members and the decisions of institutional committees. Students who believe that an academic evaluation is unrelated to academic standards but is related instead to judgment of their personal opinion or conduct should contact the dean of the college which offers the class to initiate a review of the evaluation.