

Department of Computer Science



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COURSE SYLLABUS DFSC 5336 Business Continuity Management

Spring 2018

Location: Online

Class meeting times
Tuesday (Online)

Instructor
Dr. Cihan Varol

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Phone:
936-294-3930

Office hours: Wednesdays 9:00 – 11:00 and Tuesdays 18:00 - 20:00 (online)

Course description: This course examines identification and assessment of threat, risk, vulnerability, and business continuity in case of a disaster, as applied to enterprise IT systems. It incorporates the physical safeguards and policies necessary to meet the requirements for the protection of data in a fixed site. This course also discusses techniques and strategies designed to keep enterprise data in service under critical circumstances. Prerequisite: None. Credit 3.

Course objectives: After taking this course, students will have both the theoretical and the practical knowledge of information security and understand the key issues related to the risk of information systems and business continuity. This will be done through case analyses, research, and the study of current and emerging techniques and technologies.

Course Summary: This course addresses the broad topic of risk management and how risk, threats, and vulnerabilities impact information systems. Areas of study include how to assess and manage risk based on defining an acceptable level of risk for information systems. Elements of a business impact analysis, business continuity plan, and disaster recovery plan will also be discussed.

Textbooks: Book 1 **Managing Risk in Information Systems**
By: Darrill Gibson
Publisher: Jones & Bartlett Learning
Pub. Date: July 11, 2014
Print ISBN-13: 9781284055955
Pages in Print Edition: 462

References: Ref 1 **Principles of Incident Response & Disaster Recovery, 2nd Edition,**
(Not Required)
By: Michael E. Whitman, Herbert J. Mattord, Andrew Green
Publisher: Cengage Learning
Pub. Date: April 16, 2013
Print ISBN-10: 1111138052
Print ISBN-13: 978-1111138059
Pages in Print Edition: 624

Course requirements:

Assignments: There will be multiple homework assignments. Due dates for each assignment will be shared via email and will be posted on Blackboard. Homework assignments should be typed (preferable in Word document) and submitted to instructor by due dates.

Research/Presentations: STEP 1- Students conduct research by first studying various research publications found in journals, conference proceedings, technical magazines, and other reliable online and physical resources, then summarizing the findings (in a word document), including but not limited to the pros and cons of existing systems/algorithms/solutions.
STEP 2- Based on the area you studied, create an original research article which not includes the information you obtained from the step-1, but also possible improvements and new ideas/tools/methods. More information on these items will be made available during the course of the semester.

Exams: Two exams, including the final exam, will be given. Students will be given at least one week notice of the exam dates. All examinations are written examinations. There are no make-up examinations available for any student. If a student has an excused absence exam, the grade he/she receives from the next exam will be counted for both.

Grading plan:	Assignments	200 points
	Exam 1	150 points
	Final Exam	150 points
	Research (Step -1)	150 points
	Term Paper/Project (Step – 2)	250 points
	Presentation	100 points

≥ 895	\Rightarrow	A
≥ 790 but < 895	\Rightarrow	B
≥ 685 but < 790	\Rightarrow	C
< 685	\Rightarrow	F

Class participation

In accordance with University Policy (<http://www.shsu.edu/students/guide/polpro/attendance.html>), regular attendance is required; however, no points will be awarded or subtracted based on your attendance. You are responsible for all material covered in every class, regardless of whether you attended or not. It is your responsibility to obtain notes, assignments, etc., from fellow class members if you miss a class.

Academic dishonesty

All students are expected to engage in all academic pursuits in a manner that is above reproach. Students are expected to maintain complete honesty and integrity in the academic experiences both in and out of the classroom. Any student found guilty of dishonesty in any phase of academic work will be subject to disciplinary action. The university and its official representatives may initiate disciplinary proceedings against a student accused of any form of academic dishonesty including, but not limited to, cheating on an examination or other academic work which is to be submitted, plagiarism, collusion and the abuse of resource materials. No cheating on an examination or assignments is allowed. A score of zero will be given to the student if such a case occurred.

Rules of conduct

Students will refrain from behavior in the classroom that intentionally or unintentionally disrupts the learning process and, thus, impedes the mission of the university. Please turn off or mute your cellular phone and/or pager

before class begins. Students are prohibited from eating in class, using tobacco products, making offensive remarks, reading newspapers, sleeping, talking among each other at inappropriate times, wearing inappropriate clothing, or engaging in any other form of distraction. Inappropriate behavior in the classroom shall result in a, minimally, a directive to leave class or being reported to the Dean of Students for disciplinary action in accordance with university policy.

Students with Disabilities Policy

It is the policy of Sam Houston State University that individuals otherwise qualified shall not be excluded, solely by reason of their disability, from participation in any academic program of the university. Further, they shall not be denied the benefits of these programs nor shall they be subjected to discrimination. Students with disabilities that might affect their academic performance should register with the Office of Services for Students with Disabilities located in the Lee Drain Annex (telephone 936-294-3512, TDD 936-294-3786, and e-mail disability@shsu.edu). They should then make arrangements with their individual instructors so that appropriate strategies can be considered and helpful procedures can be developed to ensure that participation and achievement opportunities are not impaired.

SHSU adheres to all applicable federal, state, and local laws, regulations, and guidelines with respect to providing reasonable accommodations for students with disabilities. If you have a disability that may affect adversely your work in this class, then I encourage you to register with the SHSU Services for Students with Disabilities and to talk with me about how I can best help you. All disclosures of disabilities will be kept strictly confidential. NOTE: No accommodation can be made until you register with the Services for Students with Disabilities. For a complete listing of the university policy, see:

<http://www.shsu.edu/dept/academic-affairs/documents/aps/students/811006.pdf>

Religious Holidays

An institution of higher education shall excuse a student from attending classes or other required activities, including examinations, for the observance of a religious holy day, including travel for that purpose. A student whose absence is excused under this subsection may not be penalized for that absence and shall be allowed to take an examination or complete an assignment from which the student is excused within a reasonable time after the absence.