

Course Syllabus

Department of Computer Science
DF 531: Principle and Policy in Information Assurance
3 Semester Credit Hours
Spring Semester 2008

General Information

Classroom Location: White Hall, Digital Forensics Conference Room
Class Time: 6:00 p.m. to 9:00 pm Monday and Internet
Instructor: Karon Murff
Office: TRIES
Phone: 294 1075
Email: knm002@shsu.edu

Office Hours

Monday through Friday 8 am to 5 pm and by appointment

The most effective way of contacting me is by email: knm002@shsu.edu

Course Title: Principle and Policy in Information Assurance

Course Description

The rationale and necessity for securing computer systems and data networks, as well as methodologies for the design of security system, establishing security protocols and the identification of best practices in the administration, testing and response protocols for secure communications systems. Classes will be a combination of lecture, and group discussion. Exams, projects and homework are described in detail below.

Course Objectives

On completion of this course, students will:

1. Have an understanding and appreciation of basic security concepts and their application in a commercial or professional environment.
2. Be able to define and develop strength in depth organizational security policy and develop procedures for the implementation of such policy.
3. Define, establish and implement disaster recovery plans.
4. Have an appreciation for the utility and limitations of the National InfoSec model for Information Assurance.
5. Be able to ground Information Assurance principles in an ethical context.

Required Texts

Herrmann, D.S. (2001). A Practical Guide to Security Engineering and Information Assurance

Required Supplies

None at this time.

Optional Texts, References or Supplies

CD's or other data storage materials.

Attendance Requirements

This course will be largely internet based. Student attendance is mandatory for all class sessions. Absence from any and each class period will result in no grade for the class missed. Documented medical related absences are exempt from this policy.

Assignments

On-line participation will be a large part of your grade. Reading assignments will be posted to Blackboard. Each student will be required to read the assignment by the due date and complete the related scenario. A detailed explanation of how the class will evolve will be presented on Monday, January 28, 2008.

Exams

The course grading system includes two tests and a final examination. Each of the tests will consist of a minimum of 10 short answer (1 – 2 paragraphs) questions. The final will be comprehensive. No make up tests/examinations will be allowed save for documented medical emergencies. ALL TESTS WILL BE TAKEN IN THE CLASS ROOM.

Weekly Assignments

Each week, you will be required to turn in an assignment related to the case scenario for that week. Turn in weekly assignments by emailing them to me.

Grading Plan and Assignments

- 12 weekly homework assignments @ 50 pts each, 600 pts
- Two tests @ 100 pts, 200 pts
- Final Examination @ 100 pts

Point division

A = 700 points and up

B = 600 – 699 points

C = 500 – 599 points

D = 400 – 499 points

F = below 400 points

Academic Dishonesty: Students are expected to maintain honesty and integrity in the academic experiences both in and out of the classroom. A complete detail of the policy may be found at: <http://www.shsu.edu/administrative/faculty/sectionb.html#dishonesty>

Classroom Rules of Conduct: Students are expected to assist in maintaining a classroom environment that is conducive to learning. Students are to treat faculty and students with respect. Students are to turn off all cell phones while in the classroom. Under no circumstances are cell phones or any electronic devices to be used or seen during times of examination. Students may tape record lectures provided they do not disturb other students in the process. During forum discussion it is acceptable to debate and disagree with other students. HOWEVER, this is to be completed in a professional matter. No slamming of character or profanity will be allowed.

Student Absences on Religious Holy Days: Students are allowed to miss class and other required activities, including examinations, for the observance of a religious holy day, including travel for that purpose. Students remain responsible for all work. For a complete listing of the university policy, see:

http://www.shsu.edu/~vaf_www/aps/documents/861001.pdf

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 visit with the Office of Services for Students with Disabilities located in the Counseling Center. For a complete listing of the university policy, see:

http://www.shsu.edu/%7Evaf_www/aps/811006.html

Visitors in the Classroom: Only registered students may attend class. Exceptions can be made on a case-by-case basis by the professor. In all cases, visitors must not present a disruption to the class by their attendance. Students wishing to audit a class must apply to do so through the Registrar's Office.