

ITSY 1342

Information Technology Security

Fall 2019

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Office Number: (806) 716-2242
Course Name: ITSY 1342

Course Description

This course provides instruction in security for network hardware, software, and data, including physical security; backup procedures; relevant tools; encryption; and protection from viruses.

Internet

This is an internet format class. All communication will be through SPC email and Blackboard. All homework will be completed online using Blackboard and TestOut.

Textbook and Hardware Requirements

We will be using TestOut LabSim for this course, as well as Security + SY0-501 by David Prowse. You will need to purchase an activation code from the SPC bookstore or online at the link mentioned below. Once activated, you will need to enroll in the course mentioned below. This software will provide you with a virtual environment that we will use for labs, homework assignments and exams. It will also provide you with a wealth of information, reading materials, and videos to aid in your learning experience.

LabSim:

Promo Code: 14-232TA
Course Product: TestOut Security Pro ISBN: 978-1-935080-44-2
School Name: South Plains College
Instructor Name: Michael Slaughter
Course Name: ITSY1342.151.FA2019

Textbook:

Title: CompTIA Security+ SY0-501 Cert Guide Academic Edition by David L. Prowse
ISBN: 978-0-7897-5912-2

Assumed Knowledge

It is assumed that you possess basic computer skills relating to using the internet, applications and other basic computing tasks. **It is also assumed that you have taken or possess the needed knowledge equal to ITNW1325 Fundamentals of Networking and ITSC1325 PC Hardware.** If you have not taken those courses, or question your knowledge, please contact me ASAP about how to proceed. It is also assumed that if you run into content you do not understand; you will research that content on your own as well as ask the instructor for assistance.

Software Requirements

Because some of the assignments will be done and submitted outside of class, you will need access to the following programs outside of the classroom:

- Google Chrome Web Browser
- TestOut Account

Communication

Communication for this class will be conducted through SPC email. All students will be required to check their SPC student email accounts regularly for course updates and announcements.

Please include your name, course name, and section number in all email communication. Other important announcements may be given during in class meetings, so attendance is key for complete communication.

Attendance Policy

Attendance is measured by how often you access Blackboard and TestOut. You are required to check in weekly and complete all homework assignments within the due dates indicated. If participation drops or you do not check in for two full weeks, you may be dropped from the class.

Reading/Study Assignments

Mandatory, assigned reading is a requirement for this course. Reading assignments includes all material in the LabSim course content that is assigned for a given week, chapters assigned in the Security+ SY0-501 textbook, and other relevant information. Study assignments include all lectures in LabSim, demonstrations in LabSim, review of any notes taken, and other content presented throughout the course. **Although reading/study assignments are not taken for a grade, they are required to be successful in this course.**

Assignments and Lab Projects

Procrastination will not serve you well in this course. Most assignments will be available through the LabSim software. Each chapter will have several small assignments and labs that will count toward your homework grade. For the TestOut LabSim section assigned, all labs and exams are pulled for homework grades. There will also small homework assignments and projects that will be assigned periodically throughout the semester. These assignments and/or projects will be announced in class and available in Blackboard. **NO LATE WORK IS ACCEPTED!**

Exams

There will be four exams given in this class including a comprehensive final exam. No make-up exams will be offered. Exams will consist of multiple choice questions and simulation labs. Exam grades are final. No extra credit will be given and no retakes will be considered.

Grades

Grades will be calculated as follows:

	Possible Points
Assignments/Lab Projects	20%
Exam 1	15%
Exam 2	15%
Exam 3	15%
Exam 4	15%
Final Exam	20%

All assignments are mandatory. **I reserve the right to drop or fail you if homework assignments are frequently missed or incomplete.**

Grades will be available through LabSim (Homework/Exam Grades) and Blackboard. Blackboard grades will show a running average of how you are performing throughout the semester. Blackboard grades will be updated regularly throughout the semester.

Certifications

Two certification exams will be taken at the end of this course. The TestOut Security Pro exam and the CompTIA Security+ exam. The TestOut Security Pro exam will be during the last three weeks of class (online). The CompTIA Security+ exam will be taken at the Pearson testing center located in TC212 (Levelland) and must be scheduled during the last three weeks of the semester.

- A passing grade the CompTIA Security+ certification will result in a 100% on the final exam
- An attempt that is not passing on the CompTIA Security+ before Wednesday at 11:59 PM of finals week will result in extra credit points based on the score

Instructional and Outside Course Time Estimation:

TestOut LabSim Time: 5.75hrs/wk x 16wks = 92 hrs

Exam Study Time: 20 hrs

Security Pro Cert Exam: 2hrs x 1 = 2 hrs

Security+ Cert Exam Study Time: 20 hrs

Security+ Cert Exam: 2 hrs

Total Course Time = 136 hrs

Total Time/Week = 8.5 hrs

Drop Policy

You may be dropped from this course for the following reasons:

- Attendance
 - You do not check in to Blackboard for two weeks
- Participation, completion of homework, exams, and team project
 - You have missed 2-3 classes and several homework assignments

- You have missed several homework assignments
- You have missed two or more exams without rescheduling with the instructor
- Academic Integrity
 - Cheating, plagiarism, or sharing your work with others
 - Offensive, degrading, or off topic discussion posts

Academic Integrity

It is the aim of the faculty at South Plains College to foster a spirit of complete honesty and a high standard of integrity. The attempt of any student to present as his or her own any work which he or she has not honestly performed is regarded by the faculty and administration as a most serious offense and renders the offender liable to serious consequences and possible suspension. Please refer to the SPC General Catalog regarding consequences for cheating and plagiarism. **I reserve the right to administratively drop with an “F” any student whom I suspect of academic dishonesty.**

****Do not, under any circumstances, turn in another student’s file as your own. Do not, under any circumstances, give your file to anyone else to turn in as their own. Both situations are representative of academic dishonesty and will be treated as such.****

Disclaimer

Because we will use Blackboard to conduct a portion of this class, please note that the materials you may be accessing in chat rooms, bulletin boards or unofficial web pages are not officially sponsored by South Plains College. The United States Constitution rights of free speech apply to all members of our community regardless of the medium used. We disclaim all liability for data, information or opinions expressed in these forums.

Diversity Statement

In this course, the teacher will establish and support an environment that values and nurtures individual and group differences and encourages engagement and interaction. Understanding and respecting multiple experiences and perspectives will serve to challenge and stimulate all of us to learn about others, about the larger world, and about ourselves. By promoting diversity and intellectual exchange, we will not only mirror society as it is, but also model society as it should be and can be.

Special Services

4.1.1.2 Disabilities Statement

Students with disabilities, including but not limited to physical, psychiatric, or learning disabilities, who wish to request accommodations in this class should notify the Disability Services Office early in the semester so that the appropriate arrangements may be made. In accordance with federal law, a student requesting accommodations must provide acceptable documentation of his/her disability to the Disability Services Office. For more information, call or visit the Disability Services Office through the Guidance and Counseling Centers at Reese Center (Building 8) 716-4606, or Levelland (Student Services Building) 716-2577.

Counseling

If at any point in the semester you find yourself having trouble with stress or feel depressed

please stop in and see a counselor. Counseling services are available at all campuses. The number for the counseling office is 806-716-2366. Below is a link to SPC's personal counseling services.

<http://www.southplainscollege.edu/information-for/current-spc-students/counseling-current/personal-counseling.php>