

Computer Security Basics

CIS-420-76540
M & W 10:00-11:45am
Fall 2013

INSTRUCTOR: Steve Siedschlag, Phone (909) 652-6855 - Office BE-125
Email: steve.siedschlag@chaffey.edu

OFFICE HOURS: ((Room BE-125) Monday 12-1pm, Wednesday 1:30-2:30pm & 6-7PM; (INET-M) Th 10am-12pm. At other times, email will usually get the quickest response

TEXT: **Security Awareness/Applying Practical Security in Your World**, Mark Ciampa, ISBN: 9781111644185, Pub: Course Technology, Edition: 4th, Year: 2014

Start Date	End Date	Last Date to Add	Drop Grade Required	Drop Deadline
10/21/13	12/11/13	10/27/13	11/04/13	11/27/13

Course Description and Objectives:

The course will include a combination of lecture, in-class projects (individually and in small groups) and homework. Upon completion of the course, you will be able to:

- Identify the various kinds of security threats to personal computers
- Compare and contrast common virus and Trojan Horse programs.
- Evaluate common anti-virus software
- Discuss why and when a firewall might be used as well as the process of selecting and installing software and hardware-based solutions.
- Safely send personal information over the Internet
- Identify security threats to private information

Student Learning Outcomes

Upon successful completion of CIS-420 (with a grade of C or higher), students will:

- Be able to install and configure a hardware-based firewall.
- Be able to install and configure secure Wireless Network.
- Compare and contrast common malware and evaluate common anti-virus software

Class Schedule

The Instructor reserves the right to change the projects, tests and schedule at any time

Date	Chapter Reading	Subject	Assignments
10/21	Chapter 1	Course Introduction	
10/23			
10/28	Chapter 2	Personal Security	
10/30			
11/4	Chapter 3	Computer Security	
11/6		No Class – Instructor Absent	
11/11		Veterans Day Holiday	
11/13			Midterm
11/18	Chapter 4	Internet Security	
11/20			
11/25	Chapter 5	Mobile Security	
11/27			Wireless Lab
12/2	Chapter 6	Workplace Security	
12/4			
12/9		Final Review	Firewall Lab
12/11	FINAL		

USING CHAFFEY'S COMPUTER LABS

You will be required to have a CURRENT Chaffey Student ID card. This card will be used in a scanner in the computer lab to "check" you into the lab. Without the ID card - you will NOT be allowed access to the Lab. You will NOT be required to register for a special Lab class. More information will be announced about lab use as it becomes available to the professor. Watch the Announcements.

STATEMENT ON PLAGIARISM

Plagiarism, an unlawful act which is defined as the misrepresentation of the published ideas or words of another as one's own, will not be tolerated in Chaffey College English courses. At the discretion of the professor, plagiarism may result in zero points for the assignment and/or failing the course.

STUDENT SUCCESS CENTERS

In the last few years, Chaffey College has created Student Success Centers, which offer tutorials, workshops, study groups, and computer access to assist students in their academic development and success.

The Rancho Success Centers are designed to address specific subject needs as well as more general multidisciplinary needs:

Math Center	PS-12	(909) 652-6452
Language Success Center	BEC	(909) 652-6907
Writing Success Center	Library	(909) 652-6820
Multi-disciplinary/Reading Success Center	BEC	(909) 652-6932

The Fontana Success Center supports all academic support needs:

Fontana Success Center	CCFC-107	(909) 652-7408
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The Chino Center offers two Centers to address all subject areas:

Chino Success Center	Chino MIB 145	(909) 652-8150
Chino Reading/Writing Center	Chino MIB 240	(909) 652-8160

Call the Centers or consult the college website at www.chaffey.edu/success/ for more information.

DISABILITY PROGRAMS AND SERVICES

If you have a disability documented by a physician or other appropriate professionals and wish to discuss academic accommodations, please contact the DPS office at (909) 652-6379. Please be sure to allow adequate time to arrange for an appropriate accommodation.

EOPS AND CARE

Extended Opportunity Programs and Services (EOPS) is designed to ensure student retention and success through academic support and financial assistance for eligible students. Cooperative Agencies Resources for Education (CARE) is a program that serves a limited number of EOPS students who are single heads of households. It provides additional support services beyond those available through EOPS. The ultimate goal is completion of a certificate program, an associate degree, and/or transfer to a four-year college. Call (909) 652-6345 for information.

GRADING

LATE WORK WILL NOT BE ACCEPTED!!

Late assignments will not be accepted under any circumstances. If you cannot attend class, it is your responsibility to ensure that your assignment is turned in. There will be no make up exams and no make up assignments. I will drop your lowest exam score during the semester, so you can effectively miss one exam without it affecting your grade.

ALL ASSIGNMENTS ARE DUE THE DAY POSTED ON THE SCHEDULE

If you cannot attend class on a day that an assignment is due, your options are:

1. Send your assignment to class with another student, friend, or relative
2. Deliver the assignment later or earlier in the day, either to me during my posted office hours or take it to the Business and Applied Technology offices in BE-8 and ask that they put your work in my mailbox
3. Determine an alternate way to submit the assignment (fax or email) but be sure to bring a hard copy to class on the next meeting

Because of this strict policy on late assignments and the understanding that you may have problems during the course of the class, I offer several opportunities for extra credit work both in class and outside of class. I strongly encourage you to take those opportunities in case the need may arise where you are unable to complete an assignment. The extra credit will not entirely cover the points of the assignment, but it will help to maintain your grade, if you should need to.

Your course grade will be calculated as follows: Review Questions, Quizzes, and In-class projects (labs) will each be worth 10 points. The Midterm and the Final will each be worth 20 points. The percentage of earned points to the possible points will determine the letter grade. The percentage is determined by dividing the earned points by the possible points.

- A - 90% and above
- B - 89-80%
- C - 70-79%
- D - 60-69%
- F - below 60%