

POLICY STATEMENT

INSTRUCTOR

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TEXTS

The Shellcoder's Handbook: Discovering and Exploiting Security Holes, by Chris Anley, John Heasman, Felix Lindner, Gerardo Richarte; ASIN: B004P5O38Q

GRADES

The number of points you accumulate during the semester determines your final grade. You can earn points in the following areas:

11 Quizzes @ 20 pts. each	220 points
22 Projects	350 points
Final Exam	70 points

Total	640 points

Your final letter grade is determined from your total points as shown below:

<u>Points</u>	<u>Grade</u>	<u>P/NP Grade</u>
90% or more	A	P
80% - 89.9%	B	P
60% - 79.9%	C	P
50% - 59.9%	D	NP
49.9% or less	F	NP

This course allows "pass/no pass" grading, if that option is requested at Admissions and Records before the deadline.

QUIZZES

There will be quizzes almost every week, each worth 20 points. The quizzes are multiple-choice, online, and open-book. However, you may not ask other people to help you during the quizzes. You will need to study the textbook chapter before the lecture covering it, and take the quiz before that class. Each quiz is available for one week, up till 30 minutes before class. Each quiz has 5 questions, you have ten minutes to take it, and you can make two attempts. If you take the quiz twice, the second score is the one that counts, not necessarily the higher score.

To take quizzes, log in to CCSF's online class site: <https://ccsf.instructure.com>

There will be NO makeup quizzes. Quizzes missed due to unavoidable absences, or absences arranged in advance, will be assigned a score determined from the final exam.

If a student's percentage scores on all the quizzes combined falls below that student's percentage score on the final exam, due to missed quizzes or any other reason, the quizzes will be assigned a percentage score equal to the final exam percentage score. This means that a student who has done well on the homework but badly on the quizzes can still get a good final grade by doing well on the final exam.

FINAL EXAM

The final exam covers all material for the semester. No books, notes, or other aids are allowed at the final exam. Students need not take the final exam—if they do not, they will get a grade based on the total points earned on quizzes and projects.

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HANDS-ON PROJECTS

There will be many hands-on projects. Projects submitted up to 2 weeks late will lose 5 points in addition to any points lost through errors. Projects more than 2 weeks late are worth no points. There will be extra-credit projects as well, which are not required but which will increase your score if you do them correctly.

YOU MUST SUBMIT FULL-SCREEN IMAGES TO GET FULL CREDIT.

Since this is a hands-on computer course, you should plan on spending at least 3-6 hours per week of computer time in addition to normal study time outside of class.

HOW TO SUCCEED IN THIS CLASS

You need these things to succeed:

1. **Prerequisite knowledge:** You need to have a solid understanding of computer security and networking: TCP/IP, email, network protocols, firewalls, and malware. If you don't have that knowledge, you should take CNIT 106 and/or CNIT 120 before taking this class.
2. **Access to a computer:** You need to have a computer you can use for at least three hours a week, either PC or Mac. If you don't have a computer, you will need to schedule at least three hours a week to work in the S214 computer lab.
3. **The textbook.** It is pointless to attempt this course without having the textbook.
4. **Time to study:** You will need to study the textbook for at least three hours per week. You will need a quiet place without distractions for that. This time is in addition to the time you will need for hands-on projects.

IF THIS CLASS IS TOO DIFFICULT

If this class is too difficult:

If you make a sincere effort and still cannot do the projects or pass the quizzes, you are probably not ready for this course. Consider taking these courses first:

If you have difficulty with networking, take CNIT 106: Introduction to Networks.

If you have difficulty with security concepts, take CNIT 120: Network Security.

If you don't know how to organize your life to allow time for schoolwork, or how to take notes, study for tests, etc., take LERN 50: College Success or IDST 50: College Success.

If you find it difficult to communicate in English, take ESL classes.

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WARNING ABOUT HACKING

OBEY THE LAW! Don't enter computer systems without the permission of the owners, or disrupt networks. The hacking skills taught in this course are only safe and legal when used on your own computers, or on computers you have permission to use. If you break the law, you face possible criminal prosecution and prison time, and neither your instructor nor CCSF will be able to save you.

Students who appear to lack maturity, responsibility, or ethics may be expelled from the class. This is necessary to protect them and the college.

In addition, students who commit computer crimes may receive a point loss or other penalty, up to and including an immediate final grade of F and being banned from the computer labs. If a situation arises where you are uncertain about the ethics involved, please talk to your instructor.

ETHICS AND CHEATING

Security professionals are held to high standards of ethics, like police officers. Lying, copying other students' work and passing it off as your own, and performing illegal cyberattacks will not be tolerated in this class. Offenders will be punished by losing points, or by immediate expulsion and a final grade of F, at the discretion of the instructor. If you are unsure whether something is unethical, please discuss it with your instructor before submitting questionable work for credit.

CLASS ATTENDANCE

Class attendance is recommended but not required. Attendance is not graded. However, most students benefit from attending class. I reserve the right to drop any student who has missed three quizzes. However, under normal circumstances, I do NOT drop students from the class rolls. It is the student's responsibility to file the paperwork needed to drop or withdraw from this class. If you simply stop attending class, you will probably receive a failing grade for the course.

STUDENT AGREEMENT

Each student must sign a Student Agreement form to enroll in the course.

ACCESSIBILITY

If you need classroom or testing accommodations because of a disability, have emergency medical information to share with me, or need special arrangements in case the building needs to be evacuated, please make an appointment with me as soon as possible.

CHANGES

I reserve the right to change any of these policies as necessary during the semester and will inform you of any changes