

CISS 310 3 UNITS

SECTION 11427

SECURITY +

1st 8 WEEKS Jan 17th to Mar 6th

INSTRUCTOR INFORMATION

NAME: Larry Dumais	PHONE: (916) 484-8854
OFFICE: 20 CSIT area	WEBSITE: http:// www.larrydu.com
E-MAIL dumaisl@arc.losrios.edu	
OFFICE HOURS:	
Monday, Tuesday, Wednesday, Thursday	9:00am – 11:00am
Tuesday	3:30pm – 5:30pm
Other Times by Appointment	
OFFICE HOUR NOTE:	
<p>My office hours are times you can drop in and get help from me about the material in the class. You do not need to give me prior notice that you will be there (but feel free to let me know if you plan to stop by so I can keep an eye out for you).</p> <p>If you can't make the office hour times, please contact me via email, on the phone, or in person and let me know when you would like to meet. Please contact me about 24 hours in advance so I can make arrangements to meet.</p>	

COURSE INFORMATION

TIME: Tuesday 6:00pm – 9:10pm

ROOM: 152D

TEXT: Security+ Guide to Network Security Fundamentals 4th edition by Mark Ciampa, Ph.D.

ISBN 978-1-111-64012-5

COURSE DESCRIPTION:

The main goal of this course is to provide you with a fundamental understanding of network security principles and implementation. You will learn about the technologies used and principles involved in creating a secure computer networking environment. You will learn about the authentication, the types of attacks and malicious code that may be used against your network, the threats and countermeasures for e-mail, Web applications, remote access, and file and print services. A variety of security topologies are discussed as well as technologies and concepts used for providing secure communications channels, secure internetworking devices, and network medium. Further, you will learn about intrusion detection systems, firewalls, and physical security concepts. In addition, security policies, disaster recovery, and computer forensics are covered. Aside from learning the technologies involved in security, you will get to understand the daily tasks involved with managing and troubleshooting those technologies. You will have a variety of hands-on and case project assignments that reinforce the concepts you read in each chapter.

STUDENT LEARNING OUTCOMES:

Gain knowledge of the following:

- Attacks and Malicious Code
- Web Security.
- Network Security Topologies.
- Intrusion Detection.
- Cryptography.
- Disaster Recovery
- Forensics.

CLASS POLICIES

DROP POLICY: I have the right to drop any student that misses more than four classes (or equivalent) without a doctor's note (see the college attendance policy below). This does not mean I will drop you, but any student that does not attend regularly or communicate to me about their absences will be dropped.

ARC 2009-2010 Catalog (page 22):

College students are expected to attend all sessions of their courses. Excessive absence may result in the student being dropped from class by the instructor. A student may be dropped from any class when that student's absences exceed six percent (6%) of the total hours of class time.

If a student is absent because of illness verified by the Health Center or personal physician, the absence may be excused and the student allowed to make up work missed.

ETHICAL CONDUCT: Please do not cheat. This means do not copy homework (especially from a solutions manual), do not directly copy another student's take-home quiz, look at other students' exams, and use materials on exams that are not allowed. Any student caught cheating on an exam will receive a 0 on that exam and face disciplinary action by the college. I will report any cheating to the appropriate authorities on campus. It is best that you do not give me even the slightest hint that you are cheating, either by sitting too close to someone, having a desk turned in a different direction, by using scratch paper that I do not provide, or by looking around the room while taking a test.

NOTE ON CHEATING: If you feel that you are reaching a level of desperation where you would consider cheating as an option, please seek help before you resort to cheating. It is my job as the instructor to provide you with clear expectations, instruction, and support so that you do not get to the point where cheating is a viable option. I am not here to catch cheaters, I am here to prevent you from feeling that cheating is an option.

CLASSROOM CONDUCT AND ETIQUETTE: During classroom discussions please be polite, respectful, and attentive. You are not the only student in the room and while each person's question is important please understand that the class must move along and I may ask to have some questions put off until office hours or after class.

Please put all cell phones and any other electronic devices on silent mode (this means vibrate should also be off, a vibrating phone is just as distracting during a quiet exam as a loud phone). I understand cell phones go off from time to time, if they do please quickly turn them off or quietly leave the room to use them.

DSPS Note: If you are using testing services please let me know as soon as possible.

AMENDMENT CLAUSE: This syllabus is subject to change and amendment, any such changes will be announced in class.

LATE WORK: Late work will not be accepted except by arrangement with instructor prior to due date

HOMEWORK: Homework is assigned and completed online the due dates are clearly posted and it is your responsibility to complete homework on time or receive no credit.

COURSE CALENDAR

Week	Date	Reading due	Homework & Labs Due	Test/Quiz?	Notes
1	Jan 17	Chapters 1,2	Homework & Labs 1,2		Moodle NO D2L
2	Jan 24	Chapters 3,4	Homework & Labs 3,4		All Quizzes and tests are Online
3	Jan 31	Chapters 5,6	Homework & Labs 5,6		
4	Feb 7	Chapters 7,8	Homework & Labs 7,8	Mid Term	
5	Feb 14	Chapters 9,10	Homework & Labs 9,10		
6	Feb 21	Chapters 11,12	Homework & Labs 11,12		
7	Feb 28	Chapters 13,14	Homework & Labs 13,14		
8	Mar 6	projects	projects	Final	*Final due Mar 12 th

GRADING INFORMATION

Homework- completed online	14 10 points each	140 points
Labs	14 10 points each	140 points
Midterm	100 points	100 points
Project (oral or written)	40 points	20 points
Final	100 points	100 points
Total Points possible	(Graded on 500 possible)	500

90%-100%	A 450+ points
80%-89%	B 400+ points
70%-79%	C 350+ points
60%-69%	D 300+ points
0%-59%	F 299- points