Course Syllabus

Title of Course

CIS 4360 Section

Location: UF Online

Academic Term: Summer 2020

Instructor:

Cheryl Resch

Cheryl.resch@ufl.edu

Office Hours: Wednesday 6:30 pm

Course Description

Covers systematic threat and risk assessment; programmed threats and controls in hardware, software, and human procedures; security policies, models, and mechanisms; theoretical limitations and practical implementations; certification and accreditation standards; and case study reviews. Includes projects.

Required Textbooks and Software

- Computer Security: Principles and Practice
- William Stallings, Lawrie Brown
- 4th Edition, 2018
- 9780134794181 – digital subscription
- 9780134794105 - book

Course Schedule

Week	Dates	Module	Assignment Due
			Intro Discussion
1	5/11-5/17	Introduction	
			Intro Homework
2	5/18-5/24	Cryptographic Tools	Crypto Homework
		Authentication	
3	5/25-5/31		Password Lab
		Access Control	
			Malware Discussion
4	6/1-6/7	Malicious Software	
			Access Control Homework
5	6/8-6/14	Denial of Service	Malware Lab
			Attack Methodology Discussion
6	6/15-6/21	Intrusion Detection	
			DOS Homework
			Firewalls Discussion
7	7/6-7/12	Firewalls	
			Firewalls Lab
			Risk Assessment Discussion
8	7/13-7/19	Risk Assessment	
			Firewalls Homework
			Legal Aspects Discussion
9	7/20-7/26	Legal Aspects	
			Risk Assessment Homework
		Security Policies	Legal Aspects and Security Policy Homework
10	7/27-8/2		
		Trusted Computing	Policy Implementation Lab
			Evaluation Discussion
		Assurance and Evaluation	
11	8/3-8/9		Evaluation Homework
12	8/10-8/16		Final exam

Evaluation of Grades

Assignment	Percentage of Final Grade
Discussions (7)	15%
Homeworks (9)	40%
Labs (4)	25%
Final Exam	20%
	100%

Grading Policy

The following is given as an example only.

Percent	Grade	Grade Points
93.4 - 100	A	4.0
90.0 - 93.3	A-	3.7
86.7 - 89.9	B+	3.3
83.4 - 86.6	B	3.0
80.0 - 83.3	B-	2.7
76.7 - 79.9	C+	2.3
73.4 - 76.6	C	2.0
70.0 - 73.3	C-	1.7
66.7 - 69.9	D+	1.3
63.4 - 66.6	D	1.0
60.0 - 63.3	D-	0.7
0 - 59.9	E	0.0

More information on UF grading policy may be found at:
https://catalog.ufl.edu/ugrad/current/regulations/info/grades.aspx (Links to an external site.)

Students Requiring Accommodations

Students with disabilities requesting accommodations should first register with the Disability Resource Center (352-392-8565, https://www.dso.ufl.edu/drc) by providing appropriate documentation. Once registered, students will receive an accommodation letter which must be

presented to the instructor when requesting accommodation. Students with disabilities should follow this procedure as early as possible in the semester.

Course Evaluation

Students are expected to provide feedback on the quality of instruction in this course by completing online evaluations at https://evaluations.ufl.edu/evals (Links to an external site.). Evaluations are typically open during the last two or three weeks of the semester, but students will be given specific times when they are open. Summary results of these assessments are available to students at https://evaluations.ufl.edu/results/ (Links to an external site.).

University Honesty Policy

UF students are bound by The Honor Pledge which states, "We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honor and integrity by abiding by the Honor Code. On all work submitted for credit by students at the University of Florida, the following pledge is either required or implied: "On my honor, I have neither given nor received unauthorized aid in doing this assignment." The Honor Code (https://sccr.dso.ufl.edu/policies/student-honor-code-student-conduct-code/ (Links to an external site.)) specifies a number of behaviors that are in violation of this code and the possible sanctions. Furthermore, you are obligated to report any condition that facilitates academic misconduct to appropriate personnel. If you have any questions or concerns, please consult with the instructor or TAs in this class.

Commitment to a Safe and Inclusive Learning Environment

The Herbert Wertheim College of Engineering values broad diversity within our community and is committed to individual and group empowerment, inclusion, and the elimination of discrimination. It is expected that every person in this class will treat one another with dignity and respect regardless of gender, sexuality, disability, age, socioeconomic status, ethnicity, race, and culture.

If you feel like your performance in class is being impacted by discrimination or harassment of any kind, please contact your instructor or any of the following:

- Your academic advisor or Graduate Program Coordinator
- Robin Bielling, Director of Human Resources, 352-392-0903, rbielling@eng.ufl.edu
- Curtis Taylor, Associate Dean of Student Affairs, 352-392-2177, taylor@eng.ufl.edu

- Toshikazu Nishida, Associate Dean of Academic Affairs, 352-392-0943, nishida@eng.ufl.edu

Software Use

All faculty, staff, and students of the University are required and expected to obey the laws and legal agreements governing software use. Failure to do so can lead to monetary damages and/or criminal penalties for the individual violator. Because such violations are also against University policies and rules, disciplinary action will be taken as appropriate. We, the members of the University of Florida community, pledge to uphold ourselves and our peers to the highest standards of honesty and integrity.

Student Privacy

There are federal laws protecting your privacy with regards to grades earned in courses and on individual assignments. For more information, please see: https://registrar.ufl.edu/ferpa.html. (Links to an external site.)

Netiquette

Communication Courtesy: All members of the class are expected to follow rules of common courtesy (outlined in the Netiquette Guide for Online Courses (Links to an external site.)) in all email messages, threaded discussions and chats.

Campus Resources:

Health and Wellness

U Matter, We Care:

Your well-being is important to the University of Florida. The U Matter, We Care initiative is committed to creating a culture of care on our campus by encouraging members of our community to look out for one another and to reach out for help if a member of our community is in need. If you or a friend is in distress, please contact umatter@ufl.edu so that the U Matter, We Care Team can reach out to the student in distress. A nighttime and weekend crisis counselor is available by phone at 352-392-1575. The U Matter, We Care Team can help connect students to the many other helping resources available including, but not limited to,

Victim Advocates, Housing staff, and the Counseling and Wellness Center. Please remember that asking for help is a sign of strength. In case of emergency, call 9-1-1.

Counseling and Wellness Center: http://www.counseling.ufl.edu/cwc (Links to an external site.), and 392-1575; and the University Police Department: 392-1111 or 9-1-1 for emergencies.

Sexual Discrimination, Harassment, Assault, or Violence

If you or a friend has been subjected to sexual discrimination, sexual harassment, sexual assault, or violence contact the **Office of Title IX Compliance** (Links to an external site.), located at Yon Hall Room 427, 1908 Stadium Road, (352) 273-1094, title-ix@ufl.edu

Sexual Assault Recovery Services (SARS)

Student Health Care Center, 392-1161.

University Police Department at 392-1111 (or 9-1-1 for emergencies), or http://www.police.ufl.edu/ (Links to an external site.).

Academic Resources

E-learning technical support, 352-392-4357 (select option 2) or e-mail to Learning-support@ufl.edu. https://lss.at.ufl.edu/help.shtml (Links to an external site.).

Career Resource Center, Reitz Union, 392-1601. Career assistance and counseling. https://www.crc.ufl.edu/ (Links to an external site.).

Library Support, http://cms.uflib.ufl.edu/ask (Links to an external site.). Various ways to receive assistance with respect to using the libraries or finding resources.

Teaching Center, Broward Hall, 392-2010 or 392-6420. General study skills and tutoring. https://teachingcenter.ufl.edu/ (Links to an external site.).

Writing Studio, 302 Tigert Hall, 846-1138. Help brainstorming, formatting, and writing papers. https://writing.ufl.edu/writing-studio/ (Links to an external site.).

On-Line Students Complaints: http://www.distance.ufl.edu/student-complaint-process (Links to an external site.).