CS 315: Computer Security

Instructor: Fengwei Zhang

Course Content and Grading

Topics	Grade
Class Participation	20
Lab 1: Packet Sniffing and Wireshark	60 + 10
Lab 2: Secure Coding and Buffer Overflows	60 + 10
Lab 3: Secure Coding and Format-String Vulnerability	60 + 10
Lab 4: Scanning, Reconnaissance, and Penetration Testing	60 + 10
Lab 5: Reverse Engineering and Obfuscation	60 + 10
Lab 6: IoT Security and Wireless Exploitation	60 + 10
Lab 7: Nailgun Attack	60 + 10
Lab 8: Nailgun Defense	60 + 10
Lab 9: Dirty COW Attack	60 + 10
Lab 10: RSA Public-Key Encryption and Signature	60 + 10
Lab 11: Web Security	60 + 10
Lab 12: Return-to-libc & Return Oriented Programming	60 + 10
Term Project Proposal	20
Term Project Presentation	40
Term Project Report	80
Total	1000
Attack-Defense CTF (Bonus)	100

Grading Scale

The grades for the course will be based upon the percentages given below

A+	97 - 100%	C+	77 - 79%
A	93 - 96%	C	73 - 76%
A-	90 - 92%	C-	70 - 72%
B+	87 - 89%	D+	67 - 69%
B	83 - 86%	D	63 - 66%
B-	80 - 82%	D-	60 - 62%
F	0 - 59%		

Invited lunch/dinner if your final

score is 96% or more

Academic Integrity

- Students need to sign the Assignment Declaration Form in your first lecture.

- Our department can refuse students to choose the CSE Major if they do not sign the declaration form.

More Information on Course Website

https://fengweiz.github.io/21fa-cs315/index.html

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谢谢大家！

校园里面碰到，不要装着不认识