

CSF 432: Intro to Network and System Security

Introduction

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University of Rhode Island

Spring 2020



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About the Instructor

- ✓ Cyber Security Lecturer
 - ✓ URI 101 / CSC 101 / CSC 211 / CSF 432 / CSF 434 / CSF 534
- ✓ Computer Science - B.S, M.S, PhD
- ✓ Cyber Security and Computer Science NSF funded projects
- ✓ Digital Forensics and Cyber Security Center at URI
- ✓ CAE and NICE Attendee
- ✓ URI since 2014



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About the Course

- ✓ CSF 432 ~ Constantly evolving
- ✓ Required Texts:
 - ✓ **Primary:** CompTIA Network+ Certification All-in-One Exam Guide, Seventh Edition (Exam N10-007) | Author: Mike Meyers | ISBN-13: 978-1260122381, ISBN-10: 1260122387
 - ✓ **Secondary:** Elementary Information Security, Third Edition | Author: Richard E. Smith | ISBN-13: 978-1284153040, ISBN-10: 1284153045
- ✓ Delivered online through BrightSpace and GitHub
- ✓ Covering both theoretical and practical applications towards computer networking, cyber security and proper cyber hygiene

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Course Goals and Outcomes

- ☑ Describe the fundamentals of routing, switching, and network protocols
- ☑ Implement basic network topologies
- ☑ Configure and troubleshoot common network devices
- ☑ Describe the appropriate network cabling or fiber solution for a situation
- ☑ Describe the fundamentals of WAN technologies
- ☑ Explain business continuity and disaster recovery concepts
- ☑ Describe and implement solutions for securing wired and wireless networks

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Materials and Tools

- ☑ Machine with virtualization capability (VMWare) with sufficient primary and secondary memory
- ☑ Immersive Labs, Textbook (O'Riley recommended)

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Course Format

- ☑ Delivered online through BrightSpace and GitHub
- ☑ Each new week opens every **Friday**
- ☑ All deliverables are due **Sunday** (nine (9) days from original release of material)
 - ☑ Quizzes
 - ☑ Assignments
 - ☑ Labs
- ☑ Late Policy ~ Accept 3 days late with a 10% penalty for each day late.
(Example: If an assignment is due 11:55p on Sunday and you submit your assignment at 11:56p on Sunday, it will be considered one day late and will receive a 10% penalty)

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Grading Scale

Weight Distribution

A 94-100	A- 90-93	30% -- Labs
B+ 87-89	B 83-86	30% -- Assignments
B 83-86	B- 80-82	20% -- Reading Retention Quizzes
C+ 77-79	C 73-76	20% -- Final Exam
C- 70-72	D+ 67-69	
D 60-66	F < 60	

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Tips for Success

- ☑ Check course website regularly for announcements, posted readings, assignments, and discussion questions.
- ☑ Don't be afraid to ask!
- ☑ Reach out to teaching staff via email (in person if on campus)
- ☑ Read first, then listen to lecture
- ☑ Start assignments as early as possible
- ☑ Save work regularly

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Contact Information

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- ☑ michaelconti@uri.edu
- ☑ Tyler 137, Kingston RI
- ☑ BrightSpace Forums
- ☑ Office Hours TBD

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