

# CYBERSECURITY PENETRATION TESTER, CERTIFICATE OF ACHIEVEMENT

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The Cybersecurity Penetration Tester Certificate of Achievement prepares students for entry-level cybersecurity jobs. Students who complete the award will be able to secure networks by performing penetration testing, security audits, assist with investigations, and oversee security policies. Course choices include network security, ethical hacking, advanced Linux and scripting, and Python security. Students completing this 11 unit award can continue obtaining cybersecurity professional certification.

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Course ID	Title	Units/ Hours
<b>REQUIRED COURSES</b>		
CNSE M56	CompTIA Advanced Security Practitioner Preparation	3
CNSE M82	Introduction to Network Security	3
CNSE M84	Certified Ethical Hacker	2
CNSE M100	Cybersecurity Analysis	3
<b>Total Hours</b>		<b>11</b>
<b>Year 1</b>		
<b>Fall Semester</b>		<b>Units/Hours</b>
CNSE M82	Introduction to Network Security	3
CNSE M84	Certified Ethical Hacker	2
	<b>Units/Hours</b>	<b>5</b>
<b>Spring Semester</b>		
CNSE M56	CompTIA Advanced Security Practitioner Preparation	3
CNSE M100	Cybersecurity Analysis	3
	<b>Units/Hours</b>	<b>6</b>
	<b>Total Units/Hours</b>	<b>11</b>

Upon successful completion of this program, students will be able to:

- identify security problems through penetration testing including testing windows based systems, linux systems, and websites
- demonstrate proficiency to solve common networking security problems using products or strategies learned in the classroom to validate security by performing penetration testing.
- demonstrate the ability to use technical resources to solve security related threats.