



### 2019-20 Cyber Security Courses

The following courses are available at Wayne State University for professional development/noncredit. All courses are offered online or at WSU-ATEC (14601 E. 12 Mile Road Warren MI 48088).

Course	Dates	Times	Timeline	Hours	Fee
<b>Certified Information Systems Security Professional (CISSP)</b> Ideal for experienced security practitioners, managers, and executives interested in proving their knowledge across a wide array of security practices and principles. Participants must have a minimum of five years of cumulative paid work experience in two or more of the eight domains of the CISSP CBK. The course ensures credibility and success within the information systems security field and assists in taking steps in preparing for the CISSP Certification requirements.	Just 29 – August 2, 2019	10 am – 6 pm	5 days	40	\$3295
<b>Hacking Essentials</b> This course is for people looking to enter into the cyber security field or learn common hacking techniques to better defend networks. Participants should have basic system administration, basic exposure to Linux, and basic computer knowledge. This course is ideal for security officers, auditors, security professionals, site administrators, and anyone who is concerned about the integrity of a networked data infrastructure.	August 6 – 7, 2019	8:30 am – 4:30 pm	2 days	16	\$450
<b>Security + CompTIA</b> This course is targeted toward the information technology (IT) professional who has networking and administrative skills in Windows®-based Transmission Control Protocol/Internet Protocol (TCP/IP) networks; familiarity with other operating systems, such as macOS®, Unix, or Linux; and who wants to further a career in IT by acquiring a foundational knowledge of security topics. This course is ideal for network engineers, support technicians, telecoms support engineers, network designers, network administrators, or IT managers.	August 19 – 23, 2019	8:30 am – 4:30 pm	5 days	40	\$2650
<b>Introduction to Applied Cyber Security – C)ISSP</b> Certified Information Systems Security Professional (Also available for academic credit in CSC 5991 / CRN 18970).	August 28 – December 9, 2019	Online	16 weeks	40	\$1899
<b>Ethical Computer Hacking – C)PEH</b> Certified Professional Ethical Hacker (Also available for academic credit in CSC 5991 / CRN 18969).	August 28 – December 4, 2019	2:30 pm – 5 pm (Wed.)	16 weeks	40	\$1899
<b>Network Penetration Testing – C)PTE</b> Certified Penetration Testing Engineer (Also available for academic credit in CSC 5991 / CRN 18971).	August 29 – December 5, 2019	2:30 pm – 5 pm (Thurs.)	16 weeks	40	\$1899


<p><b>Defense Essentials</b></p> <p>This course is for people looking to enter into the Cybersecurity field or learn common network topology to better defend assets from cyber threats. This includes entry level or novice practitioners who are seeking a better understanding of data traversing a network and the monitoring tools available. Participants will learn the fundamental skills required to defend networks against most computer hacking attempts.</p>	September 11 – 12, 2019	8:30 am – 4:30 pm	2 days	16	\$450
<p><b>Security on a Shoestring</b></p> <p>In this course, participants will learn how to implement cost effective solutions within their organization. Ideal for small or medium sized businesses, this course will help organizations with slim budgets maximize their resources and increase the protection of their IT environments and data.</p>	September 24, 2019	8:30 am – 4:30 pm	1 day	8	\$500
<p><b>Certified Information Systems Security Professional (CISSP)</b></p> <p>Ideal for experienced security practitioners, managers, and executives interested in proving their knowledge across a wide array of security practices and principles. Participants must have a minimum of five years of cumulative paid work experience in two or more of the eight domains of the CISSP CBK. The course ensures credibility and success within the information systems security field and assists in taking steps in preparing for the CISSP Certification requirements.</p>	October 7 – 11, 2019	8:30 am – 4:30 pm	5 days	40	\$3295
<p><b>Certified Ethical Hacking</b></p> <p>Security officers and IT professionals, auditors, and site administrators will learn about the latest malware attacks, the latest hacking tools, and the new emerging attack vectors in cyberspace. The course includes hacking challenges and is built in compliance to the NICE 2.0 Framework to ensure a systematic job role mapping. Participants should have experience with Windows and Unix/Linux, operating systems and TCP/IP, along with at least two years of job experience in the field of network security.</p>	October 21 – 25, 2019	10 am – 6 pm	5 days	40	\$3495
<p><b>Threat on your Doorstep</b></p> <p>This course is for executives, emergency managers, FEMA coordinators, professionals, and non-technical staff with the need to learn or explain the current cyber security threat landscape. The course is an in-depth analysis that helps to ensure organizations are prepared to address cyber incidents and threats.</p>	November 15, 2019	8 am – 12 N	Half day	4	\$375

<p><b>Capture the Flag</b></p> <p>Through the use of open source exploits, network defenders and Red Teamers will better understand the vulnerabilities in networks by participating in this unique course. Participants will gain hands-on, real world experience in a safe environment, but should have a baseline of security knowledge and familiarity of security concepts. Participants will traverse through challenges to find flags and input them into a gaming system. This is a self-paced progression through systems as they exist in the real world and represents a means to assess individual skills across a broad range of systems and challenges.</p>	November 22, 2019	9 am – 3 pm	1 day	6	\$500
<p><b>Certified Ethical Hacking</b></p> <p>Security officers and IT professionals, auditors, and site administrators will learn about the latest malware attacks, the latest hacking tools, and the new emerging attack vectors in cyberspace. The course includes hacking challenges and is built in compliance to the NICE 2.0 Framework to ensure a systematic job role mapping. Participants should have experience with Windows and Unix/Linux, operating systems and TCP/IP, along with at least two years of job experience in the field of network security.</p>	December 9 – 13, 2019	10 am – 6 pm	5 days	40	\$3495
<p><b>Hacking Essentials</b></p> <p>This course is for people looking to enter into the cyber security field or learn common hacking techniques to better defend networks. Participants should have basic system administration, basic exposure to Linux, and basic computer knowledge. This course is ideal for security officers, auditors, security professionals, site administrators, and anyone who is concerned about the integrity of a networked data infrastructure.</p>	January 8 – 9, 2020	8:30 am – 4:30 pm	2 days	16	\$450
<p><b>Incident Response</b></p> <p>This course is an in-depth planning workshop that requires mature organizations to bring a copy of their current IR plan. During the workshop, participants will review and rebuild an incident response plan that meets annual testing requirements. The course is ideal for cyber practitioners and compliance officers who are involved with the plan.</p>	January 24, 2020	8 am – 12 N	Half day	4	\$375
<p><b>Defense Essentials</b></p> <p>This course is for people looking to enter into the Cybersecurity field or learn common network topology to better defend assets from cyber threats. This includes entry level or novice practitioners who are seeking a better understanding of data traversing a network and the monitoring tools available. Participants will learn the fundamental skills required to defend networks against most computer hacking attempts.</p>	February 5 – 6, 2020	8:30 am – 4:30 pm	2 days	16	\$450

<p><b>Certified Security Principles</b></p> <p>This course prepares participants for security across the entire environment, including understanding risk management, identify and access control, and network and data security. This course will help participants understand the principle security knowledge needed to keep IP and IT infrastructure safe. IT professionals, server administrators, network administrators, virtualization and cloud administrators, and anyone that needs a general understanding of security should take this course.</p>	February 10 – 14, 2020	8:30 am – 4:30 pm	5 days	4	\$2500
<p><b>Certified Ethical Hacking</b></p> <p>Security officers and IT professionals, auditors, and site administrators will learn about the latest malware attacks, the latest hacking tools, and the new emerging attack vectors in cyberspace. The course includes hacking challenges and is built in compliance to the NICE 2.0 Framework to ensure a systematic job role mapping. Participants should have experience with Windows and Unix/Linux, operating systems and TCP/IP, along with at least two years of job experience in the field of network security.</p>	February 24 – 28, 2020	10 am – 6 pm	5 days	40	\$3495
<p><b>Capture the Flag</b></p> <p>Through the use of open source exploits, network defenders and Red Teamers will better understand the vulnerabilities in networks by participating in this unique course. Participants will gain hands-on, real world experience in a safe environment, but should have a baseline of security knowledge and familiarity of security concepts. Participants will traverse through challenges to find flags and input them into a gaming system. This is a self-paced progression through systems as they exist in the real world and represents a means to assess individual skills across a broad range of systems and challenges.</p>	April 10, 2020	9 am – 3 pm	1 day	6	\$500
<p><b>Security on a Shoestring</b></p> <p>In this course, participants will learn how to implement cost effective solutions within their organization. Ideal for small or medium sized businesses, this course will help organizations with slim budgets maximize their resources and increase the protection of their IT environments and data.</p>	April 14, 2020	8:30 am – 4:30 pm	1 day	8	\$500
<p><b>Certified Security Principles</b></p> <p>This course prepares participants for security across the entire environment, including understanding risk management, identify and access control, and network and data security. This course will help participants understand the principle security knowledge needed to keep IP and IT infrastructure safe. IT professionals, server administrators, network administrators, virtualization and cloud administrators, and anyone that needs a general understanding of security should take this course.</p>	April 20 – 24, 2020	8:30 am – 4:30 pm	5 days	4	\$2500

## Registration

Complete the following and submit to the office (address below). Payment is required at time of registration and the deadline is one full week prior to the class start date.

	<b>Fee:</b> \$ _____
COURSE: _____	<input type="checkbox"/> Visa <input type="checkbox"/> MasterCard <input type="checkbox"/> Discover
_____	<input type="checkbox"/> Check: Payable to Wayne State University
Full Name with M.I. _____	_____
Billing Address _____	Credit Card # _____ Exp. Date _____
_____	Signature _____ 3-digit code _____
E-mail _____ DOB _____	You will attend (choose one):
Phone # _____	<input type="checkbox"/> Onsite at ATEC <input type="checkbox"/> Online/Remote
Previous WSU Access ID? Y _____ No _____	14601 E. 12 Mile Rd. Warren MI 48088