

Applied Cybersecurity

Short Description: Students learn foundational knowledge and skills in computer and network security, security vulnerabilities, attack mechanisms and techniques, intrusion detection and prevention, cryptographic systems, system hardening, risk identification, incidence response, penetration testing, key management, access control, recovery and a specialized course focused on web security.

Program Purpose: This program is offered in the traditional format where the student is physically in the classroom each school day, and a hybrid format where the student attends the class physically in the classroom for at least 51% of the time and the remaining time the student attends the class online. This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and cybersecurity-related careers in the Information Technology career cluster; provides technical skill proficiency, and includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of cybersecurity.

The content includes but is not limited to foundational knowledge and skills in computer and network security, security vulnerabilities, attack mechanisms and techniques, intrusion detection and prevention, cryptographic systems, system hardening, risk identification, incidence response, penetration testing, key management, access control, recovery and a specialized course focused on web security.

Admissions:

1. Apply to MTC at <https://manateetech.edu/apply-now/>. Submit your application to access your "To-Do List." You are not accepted into the program after applying, you must complete your do list.
2. Complete your "To-Do List" at <https://www.MTCdashboard.net>.

Note: The Basic Skills Assessment must be taken within 6 weeks of you admit date unless exemption criteria have been documented per State Statute. For exemption information, see the Student Handbook located here: <https://www.manateetech.edu/quick-docs/>

Length of Program: Full-time 750 hours – approximately 7 months full-time to complete.

<u>OCP</u>	<u>COURSE</u>	<u>HOURS</u>
A	Cybersecurity Associate – CTS0018	600
B	Web Security Specialist – CTS0085	150

Dual Enrollment: Yes

Certification/Licensure: CompTIA Security+, Certified Internet Webmaster (CIW) Web Security Associate

CTSO: SkillsUSA and/or HOSA are the approved co-curricular career and technical student organizations which provide activities for students as an integral part of the instruction by providing leadership training and reinforcing specific career and technical skills.

Articulation: May be available towards credits at Florida public college/universities. Speak with a Career Counselor for more information.

Location: MTC Main Campus, 6305 State Road 70 East, Bradenton, FL 34203. Tel 941.751.7900

Start Date: August, January

Program #Y100300	CIP# 0511100302
Estimated Tuition, Lab, and Fees <i>(includes \$60.00 administrative fee)</i>	\$3,449.00
Additional Fees Due Prior to Admittance	
Application Fee	\$45.00
Bookstore	
Uniform*	\$28.00
Textbooks*	\$49.99
Estimated Total Cost of Program	\$3,571.99

Start Time: Monday – Friday, 8:00 a.m. – 3:00 p.m.

For More Information: Scan QR CODE at the bottom of document.

Financial aid available depending on student's eligibility.

*Uniforms may be covered, for Pell eligible students once aid has been applied to all tuition & fee charges.

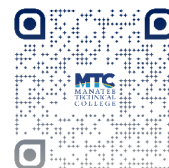
All pre-admission fees are non-refundable and not covered by Financial Aid. *Prices are subject to change.

Annual fees (charged each academic year from July 1—June 30).

Textbook estimate. Current book list and prices: <https://manateetech.edu/students/bookstore/>

Tuition is \$2.92 per hour for Florida residents. Tuition is \$11.71 per hour for non-Florida residents.

<https://www.manateetech.edu/admissions/financial-aid/>



941.751.7900

ManateeTech.edu