

MASTER OF SCIENCE IN CYBERSECURITY (MSCYB)

WHY OUR PROGRAM?

The Master of Science in Cybersecurity (MSCYB) program at Thomas Edison State University (TESU) is designed to prepare you for a new career in cybersecurity or further expand your skills as a working professional to help you advance in your field. Through your course work, you will be able to employ cyber prevention, defense and mitigation tools and techniques against cyber threats to protect enterprise-wide information infrastructure and assets.

As a graduate of TESU's MSCYB degree program, you will be prepared for both technical and leadership roles in major cybersecurity areas such as cybersecurity engineering and architecture, network security, application security, digital forensics and cyber-risk management.

[TESU.EDU/MSCYBERSECURITY](https://tesu.edu/mscybersecurity)

PROTECT AND SECURE OUR DIGITAL WORLD

As the number and severity of cyber threats that organizations face continue to rise, the need for trained cybersecurity professionals has increased exponentially. However, the number of qualified entrants into the cybersecurity workforce has not kept pace with this demand, leading to a critical shortage of professionals to fill the gap.

With our unique Master of Science in Cybersecurity (MSCYB) degree program, you will develop advanced technical and leadership skills that prepare you to protect the critical information infrastructure and information assets of organizations in the public and private sectors.

PROGRAM ADVANTAGES

- ▶ Cutting-edge curriculum designed with input from leading cybersecurity experts that combines technology with relevant human, legal, policy and ethical aspects
- ▶ Hands-on approach including simulations and laboratory assignments
- ▶ Explore emerging trends and more advanced themes in cybersecurity

WHY CHOOSE TESU?

As one of the first universities in the country designed specifically for busy, motivated adults, Thomas Edison State University is dedicated to providing you with a high-quality education — anytime, anywhere.

- ▶ **Exceptional Value:** Competitive tuition and fees. Plus, financial aid and scholarships are available.
- ▶ **Barrier Free:** Students who receive an undergraduate degree with a GPA of 3.0 or higher will be automatically admitted to a graduate program.* No GRE/GMAT or recommendation letter required.
- ▶ **Degree Flexibility:** Engage in your courses whatever time of day works for you. Courses are available 24/7.
- ▶ **Eight-Week Terms:** Complete your graduate program requirements in a shorter timeframe, promoting a more immersive learning experience.

*Several programs have additional requirements beyond GPA for admission.

ONLINE. ACCREDITED. RESPECTED

Three words that characterize Thomas Edison State University's (TESU) unique approach to providing quality higher education in today's technology-fueled times.

Dedicated to educating adult learners for more than five decades, TESU has set the standard in online learning. TESU is accredited by the Middle States Commission on Higher Education and is recognized as the leader in online education as well as a national leader in the assessment of adult learning.

Our innovative online and independent study courses and credit-by-exam programs give you the flexibility to pursue your degree when and where it is convenient for you. With more than 100 areas of study, TESU offers associate, bachelor's, master's and doctoral degrees and undergraduate and graduate certificates. One of New Jersey's senior public institutions, TESU's liberal credit transfer policies and tuition models remove barriers for adults pursuing higher education. Our resume-relevant programs provide career-building skills to help you meet your educational and professional goals.

STUDY WITH THE LEADER IN ONLINE EDUCATION.

Earn your degree on your schedule.

Visit **TESU.edu** and **Apply Today.**



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CAREER INSIGHTS

The U.S. Bureau of Labor Statistics projects a 28 percent growth in U.S. employment for cybersecurity consultants from 2016 to 2026. Individuals with graduate degrees earn an average of \$1 million more in lifetime income compared to high school graduates.¹

Cybersecurity talent gaps exist across the country. Nationally, cyber jobs are expected to increase 7.5% from 2020-2025, and 5.0% within 100 miles of TESU.²

Top Occupations:³

- ▶ Cyber Security Engineer
- ▶ Cyber Security Analyst
- ▶ Cyber Security Consultant
- ▶ Network Engineer / Architect
- ▶ Cyber Security Manager / Administrator
- ▶ Vulnerability Analyst / Penetration Tester
- ▶ Software Developer / Engineer
- ▶ Cyber Security Specialist / Technician
- ▶ Systems Engineer

**National Cybersecurity
job openings:** 448,033⁴

Median Earnings: \$132,962⁵

SOURCES:

- 1 <https://www.ssa.gov/policy/docs/research-summaries/education-earnings.html>
- 2 Emsi Q2 2020 Data Set
- 3 <https://www.cyberseek.org/heatmap.html>
- 4 <https://www.cyberseek.org/pathway.html>
- 5 <https://www.ziprecruiter.com/Salaries/Cyber-Security-Salary>