LEARN
to innovate and lead.

BUILD
a better you and a better future.

SUCCEED
in a world that is always changing.

Our online masters programs are taught by world-wide academics and industry experts with a global perspective.

Capitol Technology University's small cohorts, responsive professors and dynamic, experienced peer groups enable you to take on cutting-edge roles and drive innovation in your field.

14 ONLINE MASTERS PROGRAMS
BUILT TO HELP YOU SUCCEED

Aviation (MS)

By 2036, the number of airline passengers is expected to nearly double—reaching 7.8 billion. Managing this booming industry requires expertise in business and technology trends, as well as keen awareness of industry-specific challenges.

Through our Master's in Aviation coursework and projects, you will gain the skills to make sound business decisions, maintain profitability, manage your team and ensure customer satisfaction as a key executive or administrator in the complex field of aviation.

Aviation Cybersecurity (MS)

Everything in aviation – from operating aircraft to baggage handling is vulnerable to cyber criminals. Industry leaders now face an ever-increasing need to apply new technologies to thwart them.

Our Master's in Aviation Cybersecurity program provides the crucial, up-to-date knowledge you need to join the growing number of experts who protect this critical infrastructure. You will gain a firm foundation in the technology of business and aviation and be prepared to take on the complex cybersecurity challenges this industry faces.

Business Administration (MBA)

Our MBA program is designed to support professionals seeking credentials necessary to qualify for high level management and leadership positions, both in government and industry.

Core coursework and projects focus on developing your leadership skills, enhancing your understanding of new technologies and strengthening your ability to use technology to solve problems and innovate. You can also specialize in aviation, critical infrastructure, cybersecurity, data analytics, engineering technology or unmanned and autonomous systems.

Computer Science (MS)

Moore's law still applies – the computer science field is advancing exponentially, and an advanced degree is the best way to keep up with technology

Our Master's in Computer Science program gives you the knowledge and skills necessary to design and use modern computer-based systems, including embedded languages, wireless technologies and data security. You can also specialize in information architecture, network security or advanced computer science.

Capitol Technology University is among the first schools in the nation to be designated as A NATIONAL CENTER OF EXCELLENCE in cyber defense.

Construction Cybersecurity (MS)

The MS in Construction Cybersecurity degree program is designed to meet the growing needs of today's business and government where construction cybersecurity is now a major consideration.

This degree provides advanced graduate-level management education where the latest construction cybersecurity concepts are reviewed and analyzed with a laser focus. Throughout the program, the latest technological developments, applications, and considerations in the construction industry are explored and applied to real-life industry challenges. Students will learn optimum methods and techniques in construction cybersecurity and how to define related resources and associated risks at an executive level in order to maintain profitability, manage work effectivity efficiently and ensure customer satisfaction.

Construction Safety (MS)

Construction is a high hazard industry that comprises a wide range of activities involving construction, alteration, and/or repair. Construction workers engage in many activities that may expose them to serious hazards, such as falling from rooftops, unguarded machinery, being struck by heavy construction equipment, electrocutions, silica dust, and asbestos.

With a degree in construction safety, you'll understand the requirements of what it takes for wide range of safety careers in construction-related fields. You will acquire a strong foundation in construction, safety, risk management, and management skills.

Critical Infrastructure (MS)

Today's digital world has increased demand for strong and secure critical infrastructure across all sectors.

Our Master's in Critical Infrastructure program will teach you the advanced and diverse knowledge needed to tackle the challenges of today's internet-connected world. Our program prepares you to implement sound strategies for detection, prevention, mitigation and response through courses that encompass policy, risk management, operations and mission planning.

Cyber Analytics (MS)

For those dedicated to protecting networks, systems and sensitive information, finding new ways to fight intrusions is essential. Our Master's in Cyber Analytics degree arms you with the cutting-edge skills you need to scrutinize and interpret huge amounts of data, and thwart cybercrimes.

There is a critical gap between the demand for, and supply of cyber analytic professionals that's felt across all industries and government agencies. With a Master's in Cyber Analytics, you will be prepared to help fill this need, and join the community of experts who tackle the daily challenges of today's digital world.

Cybersecurity (MS)

As cyber criminals become increasingly sophisticated, the demand for professionals who can create, manage and protect critical systems continues to grow. This program is designed to teach you defensive and offensive approaches to stop malicious attacks.

A Master's in Cybersecurity degree provides the advanced, up-to-date knowledge you need protect businesses and government agencies from today's threats. Our program also prepares you for the Certified Information Systems Security Professional (CISSP) exam, a globally recognized certification in the field of IT security.

Engineering Technology (MS)

Our Master's in Engineering Technology is one of the only electrical engineering programs in the United States designed for practitioners rather than analysts.

As an electrical engineer, you already know theoretical principles. Here, you will build upon those principles by designing and constructing circuits that meet industrial, military and international standards. You will also study mathematical modeling and compatibility, electromagnetic interference and compatibility, and advanced concepts of design for reliability, manufacturability and testing.

In your final capstone course, you will work with a faculty member on a research a project from developing a proposal, to design, testing and delivery.

Product Management (MS)

Leaders in the Product Management sector are facing an ever-increasing need to expand the application of new technology to their industry in order to remain competitive, efficient, and viable now and in the future.

The Master's in Product Management is for current professionals in the field who desire to increase their skills to an advanced level and become leaders in their field. This program also provides a path for personnel in the Product Management field to explore new ground as this section of the industry faces revolutionary changes in highly competitive local, national, and global markets. Graduates will return to the Product Management field with new knowledge and ideas to help the sector progress as it rapidly evolves by employing new technology, techniques, and materials.

"Capitol Tech sparked something in me that I wouldn't get on the job. Plus, the professors were working in industry so we got real-world expertise, not just textbook knowledge."

Amie Seisay | MS Computer Science, 2010
Founder and CEO of Seisay IT Solutions

Technical Master of Business Administration in Business Analytics and Data Science (TMBA)

The need for professionals who can manage and analyze information grows as more organizations embrace data-driven decision making. Our Technical Master of Business Administration in Business Analytics and Data Science program prepares you to lead with an analytical mind.

You will learn how to interpret real-world data and make strategic recommendations based on that data. Earning this degree will enable you to fill the demand growing across every industry for those who can interpret big data to make astute decisions.

Technical Master of Business Administration in Cybersecurity (TMBA)

According to a recent Burning Glass Technologies report, the hardest-to-fill jobs combine financial skills, traditional networking and IT security skills.

Our Technical Master of Business Administration in Cybersecurity will teach you to analyze patterns, employ powerful technological tools and drive business decisions in the cybersecurity field. You will graduate ready to be a metrics-driven leader.

Unmanned and Autonomous Systems Policy and Risk Management (MS)

Unmanned and autonomous systems have potentially limitless applications. However, along with this array of possibilities comes a host of regulatory policies and risks.

Our Master's in Unmanned and Autonomous Systems (UAS) Policy and Risk Management program builds a firm foundation in UAS policy, risk management, flight operations, mission planning, special sensors, weapons, surveillance and data collection, aeronautical engineering, aeronautical technologies and ground control.

You will be qualified to become a certified Unmanned Aerial Systems Operator and support governmental and commercial employers. In addition, a special optional course will prepare you to pass the Federal Administration (FAA) Part 107 test to become a Commercial UAV Pilot and Sport Pilot.

ALL PROGRAMS ARE ACCREDITED

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TUITION & FEES

The following rates are for the 2020-2021 academic year:

Application Fee:
- Master's program paper application - $40
- Master's program online application - FREE

Tuition:
- Graduate Online - $630 *per credit, plus fees*
- Independent Study - $877 *per credit, plus fees*
- Active Duty Military - $350 *per credit, plus fees*

*Tuition rates are subject to change.

PROGRAM DETAILS

Veteran's Educational Benefits

We offer military tuition assistance through the Montgomery GI Bill and unlimited participation in the Post-9/11 GI Bill® Yellow Ribbon Program.

Institute of Electrical and Electronic Engineers Approved

Capitol Technology University is one of just fifteen colleges and universities approved by the Institute of Electrical and Electronic Engineers (IEEE) as a provider of quality engineering education.

100% Online & 100% Personal

All master's classes are online. We keep cohorts small so you receive personalized attention from faculty.

National Center of Academic Excellence

Capitol Technology University is a designated Center of Academic Excellence in Cyber Defense Education by the National Security Agency (NSA) and the Department of Homeland Security (DHS).

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Laurel, MD