



ST. THOMAS UNIVERSITY Global American Learning

CERTIFICATE IN CYBERSECURITY FOUNDATION

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St. Thomas University offers a Certificate in Cyber Security Foundation aimed at students with little or no knowledge of cyber security but is interested in learning more.

Specifically, the course provides an overview of fundamental theoretical knowledge, includes detailed information about the security infrastructure, and delves into threats, vulnerabilities, risks, and necessary security measures.

The course is not a technical course and the content applies to most technologies (desktops, laptops, mobile devices, tablets, IoT).

The topics covered help create a solid base that will enable participants to enroll in more specialized certifications focused on the technical aspect of cyber security.

LEVEL

Beginner Certificate Programs.

REQUIREMENTS FOR ADMISSIONS

Admission to the certificate program is open to individuals from diverse backgrounds, including students and professionals, without any specific attendance requirements.

Students and STU interaction through STU's e-learning platforms.

Upon admission to the university, students are given a personal STU email address that serves as their primary communication link with the university and their program of studies.

EDUCATIONAL OBJECTIVES AND METHODOLOGY

The student will:

- Gain an understanding of what cyber security is.
- Learn who the cyber attackers are along with their major motivations.
- Gain an understanding of assets, threats, and vulnerabilities and how they relate to cybercrime.
- Gain knowledge on the methods that are used by cybercriminals in order to carry out their attacks.
- Learn proactive methods that can be employed in order to protect against becoming a victim.
- Learn about the different educational opportunities, certifications, jobs, and career outlooks for the cybersecurity industry.

The course is conducted in online mode.

- Total - 6 Modules
- 45 to 60-minute length
- Multiple lessons will make up each module
- Module lessons will have a summary review
- Questions will follow each lesson to test your knowledge

PROGRAM

Module 1: Cyber Security Foundations

Lesson 1: What is Information Security?

Lesson 2: Hackers & their Motivations

Module 2: ATV and Cybercriminals

Lesson 1: Assets, Threats, and Vulnerabilities

Lesson 2: Targeting Assets for Cyber Crime

Module 3: Cybercriminal Tactics and Attacks

Lesson 1: What is Social Engineering?

Lesson 2: How Cyber Criminals Use Social Engineering?

Lesson 3: Malware



Module 4: The Dark Web

Lesson 1: What is the Dark Web?

Lesson 2: How the Dark Web Works

Lesson 3: What occurs in the Dark Web?

Module 5: Cyber Crime Protection and Detection

Lesson 1: Digital Footprint Protection

Lesson 2: Cyber Crime Protection

Lesson 3: Cyber Crime, Privacy & the Law

Module 6: Cybersecurity as a Career

Lesson 1: Cyber Workforce Outlook

Lesson 2: Cyber Security Roles

Lesson 3: Cyber Ed and Certifications

**AT THE END OF THE CERTIFICATE PROGRAMS, A CERTIFICATE IS AWARDED,
ATTESTING TO THE SUCCESSFUL COMPLETION OF THE PROGRAM**

APPLY NOW: <https://stthomasuniversity.org/non-degree-seeking-application-form>

For more information please contact: admissions@aei7.org