UNIVERSITY OF ST. THOMAS HOUSTON

2023-2024 Catalog

Cybersecurity

Associate of Applied Science
Program
Cyber Security

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An Associate Degree offers a wonderful opportunity to set you up for success in a growing career field that will provide you with the skills to be a part of an on demand workforce.. UST offers the Associate of Applied Science Degree in three areas of study: Cybersecurity, Electronic Technology, and Networking Technology and you can earn your degree within 2 years. You will complete the program empowered with skills for rewarding jobs in technology and join a growing workforce with in-demand skills. Highlights of UST's Associate programs include:

- 100% online programs which gives you the flexibility to study anytime, anywhere;
- Programs are geared toward technology careers with increasing demand for workers;
- Houston is a growing tech hub, a top 10 U.S. city for computer, engineering and information architecture jobs;
- Great preparation for transition into a 4-year bachelor's degree program;
- Elite Associate Degree from a well-regarded private university;
- Professors who are currently working in the field;
- On-campus amenities for local students.

Requirements:

- Completed online application. Access at UST's website www.stthom.edu
- High school diploma or record of General Education Development Test (GED). Submit official document(s) to the UST Office of Admissions.

It should also be noted that this is a 60- hour credit program and each course is worth 3 hours.

Cybersecurity

In an increasingly digital world, data is currency. Organizations rely on cybersecurity professionals to protect their digital assets from damage or theft. Houston is a growing technology hub, one of the top 10 U.S. cities for computer, engineering and information architecture jobs. In the 100% online Associate of Applied Science in Cybersecurity Program at UST, you'll learn all the skills you need to begin or excel in a career in computer network administration.

Total Credits 60

Courses:

Semester 1

Item #	Course Title		Credits
☐ AUNI 1300	College Foundations		3
☐ ANET 1300	Hardware and Software Environment		3
☐ ANET 1305	Basics of Networking	ANET 1305 Prerequisite: ANET 1300	3

☐ AMAT 1300	Foundations of Mathematics I		3

Semester 2

Item #	Course Title		Credits
☐ ACOM 1350	Basics of Writing		3
☐ ANET 1350	Introduction to Servers I	ANET 1350 Co/ Prerequisite: ANET 1305	3
☐ ANET 1355	Physical Networks	ANET 1355 Prerequisite: ANET 1305	3
☐ ANET 1360	Introduction to Servers II	ANET 1360 Prerequisite: ANET 1350	3

Semester 3

Item #	Course Title		Credits
☐ AMAT 1355	Foundations of Mathematics II		3
☐ ASFT 1300	Foundations of Programming	ASFT 1300 Prerequisite: ANET 1300	3
☐ ANET 2300	Introduction to Linux Networking	ANET 2300 Prerequisite: ANET 1305	3
☐ ASFT 1305	Working with Databases	ASFT 1305 Prerequisite: ASFT 1300	3

Semester 4

Item #	Course Title		Credits
☐ PHILC 1301	Philosophy of Nature and the Human Person		3
☐ ANET 2305	Securing Information	ANET 2305 Prerequisite: ANET 1360, ANET 2300	3
☐ ACOM 2300	Writing for Work		3
☐ ANET 2350	Basics of IP Networking	ANET 2350 Prerequisite: ANET 1305	3

Semester 5

Item #	Course Title		Credits
☐ PHILC 2301	Ethics	PHILC 2301 Prerequisite: PHILC 1301	3
☐ ACYB 2300	Risk Management and IT Security		3
☐ ACYB 2305	Network Communications Infrastructure and Technology		3
☐ ANET 2375	Advanced Operating Systems		3