



**Associate of Applied Science
In Cyber Security to
Bachelor of Applied Arts & Sciences
Guided Pathway
Effective for the 2021-2022 Catalog**



First Year - NCTC

FIRST SEMESTER	SECOND SEMESTER
ITSY 1342 – Information Technology Security	ITSY 2300 – Operating System Security
ITSC 1316 – Linux Installation and Configuration	ITSY 2301 – Firewall and Network Security
ITCC 1414 – CCNA 1: Introduction to Networks	ITSY 2330 – Intrusion Detection
ITCC 1444 – CCNA 2: Routing & Switching Essentials	EECT 1300 – Technical Customer Service
ITNW 1313 – Computer Virtualization	ITSY 2342 – Computer Virtualization
	ITSY 2441 – Security Management Practices

Second Year - NCTC

It is best to apply to Texas A&M University-Commerce a full semester before you plan to transfer. It will help if you submit a copy of this pathway with your application.

FIRST SEMESTER	SECOND SEMESTER
ITSY 2343 – Computer System Forensics	^c ENGL 2311 – Tech. & Business Writing
^c MATH 1332 – Contemporary Mathematics	GOVT 2305 – Network Defense and Countermeasures
^c ENGL 1301 – Composition I	^c ARTS 1301 – Art Appreciation
ITSY 2359 – Security Assessment and Auditing	ITSY 2382 – Co. Ed. Comp & Info Sys Sec

AAS: Cyber Security

You will need to apply for the associate's degree at your community college. Contact your advisor there for more information.

Third Year - Texas A&M University-Commerce

FIRST SEMESTER	SECOND SEMESTER
^c HIST 1301 - U.S. History to 1877	^c HIST 1302- U.S. History from 1865
^c PSCI 2301 - Principles of US and Texas Government ²	^c ANY LIFE & PHYSICAL SCIENCE CORE
^c ANY LIFE & PHYSICAL SCIENCE CORE	^c ANY LITERATURE, PHILOSOPHY, & CULTURE CORE
^c ANY DEGREE PATHWAY OPTION (090)	^c ANY DEGREE PATHWAY OPTION (090)
^c ANY SOCIAL & BEHAVIORAL SCIENCE CORE	BAAS 326 Tech Techniques & Solutions
BAAS 301 Principles of Applied Sciences	

Fourth Year - Texas A&M University-Commerce

FIRST SEMESTER	SECOND SEMESTER
BAAS 345 Leadership Techniques	TMGT 350 Principles of Technology Management
BAAS 408 Advanced Problem Solving (Pre-Req BAAS 326)	BAAS 445 Ethical Decision Making
BAAS 351 Financial Tools for Mgrs (Pre-Req BAAS 326)	Upper Level Elective
BAAS 443 Professional Standards	Upper Level Elective
	TMGT 303 Technical Communications

This is not an official degree plan. Check with an advisor; degree plans may change in later catalogs.

Part-time students may also follow this sequence.

Developmental coursework may be required and does not count toward degree hours.

* You may take a different course to meet this requirement. A specific list is available from your advisor.

^c This course counts for the Core Curriculum at any public college or university in Texas. Sometimes, taking a specific course to meet a Core requirement will also fulfill other requirements for your degree. If this course meets more than one requirement it is listed as the correct option (with no asterisk).

²Taking both GOVT courses at NCTC creates a better alignment.

For questions about the University portion of this guided pathway, contact the Applied Science Academic Advising Office at (903) 886-5155 or Misty.Lair@tamuc.edu.