



**Associate of Applied Science Cyber Security to
BAAS Information Technology
Guided Pathway
2018-2019 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 1440 – CCNA 2: Routing & Switching Essentials	ITNW 1313 – Computer Virtualization
	EECT 1300 – Technical Customer Service

Second Year - NCTC

It is best to apply to [Tarleton State University](#) a full semester before you plan to transfer.

FIRST SEMESTER	SECOND SEMESTER
ITSY 2343 – Computer System Forensics	
ITSY 2342 – Incident Response & Handling	ITSY 2445 – Network Def & Countermeasures
^C MATH 1332 – Contemporary Mathematics	^C ENGL 2311 – Tech. & Business Writing
^C ENGL 1301 – English Composition I	^C ARTS 1301 – Art Appreciation
ITSY 2359 – Security Assessment and Auditing	^C GOVT 2305 – Federal Government
	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 – Tarleton State University

SUMMER	
Advanced Elective Course	Advanced Elective Course
FIRST SEMESTER	SECOND SEMESTER
^C Life and Physical Science Core (030)	^C Life and Physical Science Core (030)
^C GOVT 2306 Texas Government (070)	^C Language, Philosophy and Culture (040)
^C HIST 1301 American History I (060)	^C HIST 1302 American History II (060)
^C Communication (010)	^C ECON 2301 Principles of Macroeconomics (080)
^C *Institutional Option (090)	BCIS 3333 C# Programming

Fourth Year – Tarleton State University

SUMMER	
Advanced Elective Course	Advanced Elective Course
FIRST SEMESTER	SECOND SEMESTER
BUSI 3312 Business Communications	BCIS 3347 Data Communications
Advanced Elective Course	BCIS 3389 System Analysis & Design
Advanced Elective Course	BCIS 4301 Database Theory & Design
Advanced BCIS Course	BCIS 4350 Management Information Systems
Advanced BCIS Course	Advanced BCIS Course

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

^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).

Additional coursework may be required if 36 credits are not awarded for the Occupational Specialization block.

*For questions regarding the university portion of the guided pathway,
contact the Marketing and Computer Information Systems Department at 254-968-9047.*