



**Associate of Applied Science to  
BAAS Information Technology  
Guided Pathway  
2017-2018 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. It will help if you submit a copy of this pathway with your application.

| FIRST SEMESTER                                    | SECOND SEMESTER                                   |
|---------------------------------------------------|---------------------------------------------------|
| ITSY 2343 – Computer System Forensics             |                                                   |
| ITSY 2342 – Incident Response & Handling          | ITSY 2445 – Network Def & Countermeasures         |
| <sup>C</sup> MATH 1332 – Contemporary Mathematics | <sup>C</sup> ENGL 2311 – Tech. & Business Writing |
| <sup>C</sup> ENGL 1301 – English Composition I    | <sup>C</sup> ARTS 1301 – Art Appreciation         |
| ITSY 2359 – Security Assessment and Auditing      | <sup>C</sup> 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**

| FIRST SEMESTER                                    | SECOND SEMESTER                                                |
|---------------------------------------------------|----------------------------------------------------------------|
| <sup>C</sup> Science Core (030)                   | <sup>C</sup> Science Core (030)                                |
| <sup>C</sup> GOVT 2306 Texas Government (070)     | <sup>C</sup> Literature or Phil 1301 Intro to Philosophy (050) |
| <sup>C</sup> HIST 1301 American History I (060)   | <sup>C</sup> HIST 1302 American History II (060)               |
| <sup>C</sup> COMM 1311 Intro to Speech Comm (010) | <sup>C</sup> ECON 2301 Principles of Macroeconomics (080)      |
| ACCT 2301 Principles of Accounting II Managerial  | BCIS 3332 Java Programming or 3333 C# Programming              |

**Fourth Year – Tarleton State University**

| Summer                                                           |                                          |
|------------------------------------------------------------------|------------------------------------------|
| BUSI 3311 Business Statistics                                    |                                          |
| FIRST SEMESTER                                                   | SECOND SEMESTER                          |
| ENGL 3309 Technical Writing or BUSI 3312 Business Communications | BCIS 3347 Data Communications            |
| MGMT 3301 Principles of Management                               | BCIS 3389 System Analysis & Design       |
| BCIS 3342 Advanced Java or 3343 Advanced C#                      | BCIS 4301 Database Theory & Design       |
| Advanced BCIS electives (6 hrs)                                  | BCIS 4350 Management Information Systems |
|                                                                  | Advanced BCIS electives (3 hrs)          |

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

- <sup>C</sup> 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).

*For questions about the university portion of this guided pathway,  
Contact the BAAS Manager at (254) 968-1930 or [CIS\\_dept@tarleton.edu](mailto:CIS_dept@tarleton.edu)*