



AAS – Computer Information System
 Network Administration and Information Security Emphasis to
 Bachelor of Applied Arts and Sciences
 Information Technology
Guided Pathway
 Effective for the 2018-2019 Catalog



First Year – Del Mar College

FIRST SEMESTER	SECOND SEMESTER
ITCC 1401 Cisco Exploration – Network Fundamentals	ITCC 1304 Cisco Exploration 2 Routing Prot. / Conc.
ITSC 1358 UNIX System Administration	ITSY 2301 Firewalls and Network Security
ITSY 1300 Fund of Information Security	ITNW 1354 Implementing & Supporting Servers
ITSE 1359 Introduction to Scripting Languages	INTW 2313 Networking Hardware
^C ENGL 1301 Composition I	^C MATH 1314 College Algebra

Total Semester Hours: 16

Total Semester Hours: 15

Second Year – Del Mar College

It's best to apply to Tarleton State a full semester before you plan to transfer.

FIRST SEMESTER	SECOND SEMESTER
ITCC 2308 Cisco Exploration 3 – LAN Switching	ITSY 2330 Intrusion Detection
ITCC 2310 Cisco Exploration 4 Accessing Wa.	ITSE 1350 System Analysis and Design
ITSE 1303 Introduction to Mysql.	ITSC 2286 Intern Computer & Information Sciences
ITNW 1313 Computer Virtualization	^C ECON 2301 Principles of Microeconomics
^C SPCH 1321 Bus & Professional Communication	DRAM 2366 Voice for the Theatre

Total Semester Hours: 15

Total Semester Hours: 14

AAS: Computer Info. Syst., Network Administration and Info. Security Emphasis

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
^{C*} Life and Physical Science Core Elective (030)	^{C*} Life and Physical Science Core Elective (030)
^C HIST 1301 – United States History I (060)	^C HIST 1302 – United States History II (060)
^C GOVT 2305 – Federal Government (070)	^C GOVT 2306 – Texas Government (070)
^C ENGL 1302 – Composition II (010)	Advanced Elective Course
^{*C} Language, Philosophy, & Culture Core Elective (040)	BCIS 3333 – C# Programming (Fall Only)

SUMMER SEMESTER

^{*C} Any Core Elective	BUSI 3312 – Business Communications
Advanced BCIS Elective Course	Advanced Elective Course

Fourth Year - Tarleton State University

FIRST SEMESTER	SECOND SEMESTER
Advanced Elective Course	BCIS 3347 – Data Communications
Advanced Elective Course	BCIS 3389 – System Analysis and Design
Advanced Elective Course	BCIS 4301 – Database Theory and Practice
Advanced Elective Course	BCIS 4350 – Management Information System
Advanced BCIS Elective Course	Advanced BCIS Elective Course

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.

- ^{*} 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.

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