AAS Computer Networking Integrated Networking Technologies to
Bachelor of Arts and Sciences
Information Technology
Guided Pathway
Effective for the 2018-2019 Catalog

FIRST SEMESTER	SECOND SEMESTER
ITNW 1358 – Network +	ITNW 1351 – Fundamentals of Wireless LANS
ITCC 1314 – CCNA 1: Introduction to Networks	ITCC 2312 – CCNA 3: Scaling Networks*
ITCC 1340 – CCNA 2: Routing and Switching Essentials	ITSC 1316 – Linux Installation and Configuration
ITNW 1370 – Cloud+ Computing Essentials	ITCC 2313 – CCNA 4: Connecting Networks*
Mathematics (see list)	ITCC 2341 – CCNA Security **OR** ITSY 1300 – Fundamentals of Information Security (Security+)

Total Semester Hours: 15 SCH　　　　　　　　　　　　Total Semester Hours: 15 SCH

Second Year - Collin College
It's best to apply to Tarleton State University a full semester before you plan to transfer.

FIRST SEMESTER	SECOND SEMESTER
ITSY 2300 Operating System Security	C Social/Behavioral Science (see list)
C ENGL 1301 – Composition I (010)	ITNW 2373 – Information Storage Management (EMC)
ITMT 1373 – Networking with Windows Server 2016	ITNW 2375 – VmWare vSphere: Installation, Configuration and Management
ITMT 1372 – Installation, Storage and Computing with Windows Server 2016	ITNW 2376 – Advanced Topics in Computer Networking and Telecommunications (Capstone)
C SPCH 1321 or SPCH 1315 or SPCH 1311	C Humanities/Fine Arts (see list)

Total Semester Hours: 15 SCH　　　　　　　　　　　　Total Semester Hours: 15 SCH

AAS: Computer Networking - Integrated Technologies Track
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 (030)
CHIST 1301 – United States History I (060)	CHIST 1302 – United States History II (060)
CGOVT 2305 – Federal Government (070)	CGOVT 2306 – Texas Government (070)
CENGL 1302 – Composition II (010)	Advanced Elective Course
*CCreative Arts/Language, Philosophy and Culture Core Elective (050)	BCIS 3333 – C# Programming (Fall Only)

SUMMER SEMESTER	
*CAny Core Elective Course	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.

Collin Options:
Mathematics - choose one from:–**MATH** 1314, 1414, 1316, 1342, 2305, 2318, 2320, 2412, 2413, 2414, 2415. 1324, 1325, 1332, 1350, 1351
Humanities/Fine Arts - choose one from: **ENGL** 2322, 2323, 2327, 2328, 2332, 2333, 2342, 2343, **HIST** 2311, 2312, 2321, 2322, **HUMA** 1301, **PHIL** 1301, 1304, 2303, 2306, 2307, 2321, **ARTS** 1301, 1303, 1304, 1313, **DANC** 2303, **DRAM** 1310, 2361, 2362, 2366, **MUSI** 1306, 1307, 1310
Social and Behavioral Sciences – choose one from: **ANTH** 2302, 2346, 2351, **ECON** 2301, 2302, **PSYC** 2301, **SOCI** 1301, 1306, **GOVT** 2305, 2306, **HIST** 1301, 1302, 2301