



AAS in Information Systems Cybersecurity to
Bachelor of Applied Arts and Sciences
Information Technology
Guided Pathway
Effective for the 2018-2019 Catalog
First Year - Collin College



FIRST SEMESTER	SECOND SEMESTER
ITNW 1358 - Network +	^c Social/Behavioral Science course - see list below
CPMT 1305 - IT Essentials I: PC Hardware and Software	ITCC 1314 - CCNA 1: Introduction to Networks
ITMT 1371 – Configuring and Supporting Microsoft Windows 10 (70-698)	ITMT 1373 - Administering Windows Server 2016
ITMT 1372 - Installation, Storage, and Computing with Windows Server 2016	ITSC 1316 - Linux Installation and Configuration
^c ENGL 1301 - Composition I ⁰¹⁰	Elective - see list below

Total Semester Hours: 15

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SUMMER

^c Mathematics course - see list below
ITCC 1340 – CCNA 2: Routing and Switching Essentials

Total Semester Hours: 6

Second Year - Collin College

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

FIRST SEMESTER	SECOND SEMESTER
ITSY 2300 - Operating System Security	^c Humanities/Fine Arts course - see list below
ITSY 2301 - Firewalls and Network Security	ITSY 2341 - Security Management Practices (Capstone)
ITSY 2342 - Incident Response and Handling	ITSY 2343 - Computer System Forensics
Elective - see list below	^c Speech course - see list below

Total Semester Hours: 12

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AAS: Information Systems Cybersecurity

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 (030)	^{c*} Life and Physical Science Core (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} Creative Arts (050)/Language, Philosophy and Culture (040) Core Elective	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.

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

Speech - choose one from: **SPCH** 1311, 1315, 1321

Elective - choose two from: ITSY 1300*, 2572*, or any ITCC, ITNW, ITMT, or ITSY course not listed in degree plan.