AAS Information Systems Cybersecurity
to
BAT Cybersecurity
Guided Pathway
Effective beginning with the 2020-2021 catalog

First Year – Collin College
(Developmental coursework may be required.)

FIRST SEMESTER	SECOND SEMESTER
CPMT 1305 – IT Essentials I: PC Hardware & Software	ITCC 1314 – CCNA 1: Introduction to Networks
*Elective (see list below)	ITMT 1373 – Networking w/ Windows Server 2016
ITMT 1372 – Installation, Storage, & Computing w/ Windows Server 2016	ITSC 1316 – Linux Installation & Configuration
ITNW 1358 – Network +	ITSY 1300 – Fundamentals of Info. Security (Security +)
^CMathematics (see list below)	ITSY 2300 – Operating System Security
15 credit hours	15 credit hours

Second Year – Collin College

FIRST SEMESTER	SECOND SEMESTER
^CENGL 1301 – Composition I	^CSocial/Behavioral Sciences (see list below)
ITCC 1344 – CCNA 2: Switching, Routing, & Wireless Essentials	ITSE 1359 – Introduction to Scripting Languages - Python
ITSY 2301 – Firewalls & Network Security	ITSY 2341 – Security Management Practices
ITSY 2342 – Incident Response & Handling	ITSY 2343 – Computer System Forensics
^CSpeech (see list below)	^CHumanities/Fine Arts (see list below)
15 credit hours	15 credit hours

AAS Information Systems Cybersecurity

Contact your advisor at Collin College for information about applying for your associate degree.
^CCore Curriculum transferrable to any public college or university in Texas.

Third Year – Collin College

FIRST SEMESTER	SECOND SEMESTER
CYBR 3310 – Introduction to Cryptography	CYBR 3340 – Cyber Crime
CYBR 3320 – Digital & Device Forensics	CYBR 3350 – Cyber Privacy
CYBR 3330 – Advanced Network Topologies & Protocols	CYBR 3360 – Mobile Technologies
^CLife & Physical Sciences (see list below)	CYBR 4310 – Penetration Testing
^CEDUC 1100 – Learning Framework	^CLife & Physical Sciences (see list below)
15 credit hours	15 credit hours

Fourth Year – Collin College

FIRST SEMESTER	SECOND SEMESTER
CYBR 4320 – Cyber Defense Operations	CYBR 4340 – Information Assurance
CYBR 4330 – Visualization & Cloud Security	CYBR 4350 – Senior Project
^CENGL 2311 – Technical & Business Writing	^CCreative Arts (see list below)
^CHistory (see list below)	^CHistory (see list below)
^CGOVT 2305 – Federal Government (Federal Constitution & Topics)	^CGOVT 2306 – Texas Government (Texas Constitution & Topics)
15 credit hours	15 credit hours

BAT Cybersecurity

Contact your Collin College advisor for information about applying for your Bachelor's degree.

Mathematics – choose one from: **MATH** 1314 or 1414, 1316, 1324, 1325, 1332, 1342, 1350, 1351, 2305, 2318, 2320, 2412, 2413, 2414, 2415

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

Social and Behavioral Sciences – choose one from: **ANTH** 2302, 2346, 2351, **ECON** 1301, 2301, 2302, **PSYC** 2301, **SOCI** 1301, 1306

Humanities/Fine Arts – choose one from: **ENGL** 2322, 2323, 2327, 2328, 2332, 2333, 2341, **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

Life & Physical Sciences – choose two from: **BIOL** 1406, 1407, 1408, 1409, 1414, 1415, 2401, 2402, 2404, 2406, 2416, 2420, 2421, **CHEM** 1405, 1411, 1412, 2423, 2425, **ENVR** 1401, 1402, **GEOL** 1401, 1402, 1403, 1404, 1445, 1447, **PHYS** 1401, 1402, 1403, 1404, 1405, 1410, 1415, 1417, 2425, 2426

History – choose two from: **HIST** 1301, 1302, 2301

Creative Arts – choose one from: **ARTS** 1301, 1303, 1304, 1313, **DANC** 2303, **DRAM** 1310, 2361, 2362, 2366, **MUSI** 1306, 1307, 1310

*Elective – choose one from: any **CPMT**, **ITCC**, **ITMT**, **ITNW**, **ITSC**, or **ITSY** course not listed above