



AAS Information Systems Cybersecurity
Guided Pathway
Effective beginning with the 2021-2022 catalog

First Year - Collin College

FIRST SEMESTER	SECOND SEMESTER
CPMT 1305 IT Essentials I: PC Hardware and Software	ITCC 1314 CCNA 1: Introduction to Networks (ITN)
ITNW 1358 Network +	ITSY 1372 Cyber-Psychology and the Effects of Emerging Technology
ITSY 1371 OSINT and Introductory Security Analysis	ITSC 1316 Linux Installation and Configuration
ITSY 2300 Operating System Security	ITSY 1300 Fundamentals of Information Security (Security +)
• ENGL 1301 Composition I	ITSY 2301 Firewalls and Network Security
15 credit hours	15 credit hours

Second Year - Collin College

FIRST SEMESTER	SECOND SEMESTER
ITCC 1344 CCNA 2: Switching, Routing, and Wireless Essentials	• ECON 2302 Principles of Microeconomics (see list below)
ITSY 2330 Intrusion Detection	ITSE 1359 Introduction to Scripting Languages-Python
• MATH 1342 Elementary Statistical Methods (See list below)	ITSY 2341 Security Management Practices (Capstone)
• Speech (see list below)	ITSY 2343 Computer System Forensics
Elective	• PHIL 2303 Introduction to Formal (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.

• Core Curriculum transferrable to any public college or university in Texas.

Collin Options:

Mathematics - choose one from: **MATH** 1314, 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/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 one from: ITSY 2572 (recommended), or any ITCC, ITNW, ITMT, or ITSY course not listed as a required course in pathway.