



AAS Computer Networking Infrastructure Track

Guided Pathway

Effective beginning with the 2021-2022 catalog

First Year - Collin College

FIRST SEMESTER	SECOND SEMESTER
CPMT 1305 IT Essentials I: PC Hardware & Software	ITCC 1344 CCNA 2: Switching, Routing, & Wireless Essent.
^c ENGL 1301 Composition I	ITCC 2320 CCNA 3: Enterprise Networking, Security, & Automation
ITNW 1358 Network +	ITNW 1351 Fundamentals of Wireless LANS
ITCC 1314 CCNA 1: Introduction to Networks	ITNW 2375 VMware vSphere: Install., Config. & Mgmt.
^c Mathematics (see list below)	ITSE 1359 Introduction to Scripting Languages Python
15 credit hours	15 credit hours

SUMMER SEMESTER	
^c Social/Behavioral Sciences (see list below)	^c Humanities/Fine Arts (see list below)
6 credit hours	

Second Year - Collin College

FIRST SEMESTER	SECOND SEMESTER
ITCC 2377 Implementing Ent. Network Core Tech.	ITCC 2379 Implementing Enterprise Advanced Routing & Services (Capstone)
ITNW 1354 Implementing and Supporting Servers (Windows Server)	ITSC 1316 Linux Installation and Configuration
ITSY 2300 Operating Systems Security	ITNW 1309 Fundamentals of Cloud Computing
^c Speech (see list below)	
Elective (see list below)	
15 credit hours	9 credit hours

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Contact your advisor at Collin College for information about applying for your associate degree.

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

Collin Options:

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

Humanities/Fine Arts – choose one from: **ARTS** 1301, 1303, 1304, 1313, **DANC** 2303, **DRAM** 1310, 2361, 2362, 2366, **ENGL** 2322, 2323, 2327, 2328, 2332, 2333, 2341, **HIST** 2311, 2312, 2321, 2322, **HUMA** 1301, **MUSI** 1306, 1307, 1310, **PHIL** 1301, 1304, 2303, 2306, 2307, 2321

Social/Behavioral Sciences – choose one from: **ANTH** 2302, 2346, 2351, **ECON** 1301, 2301, 2302, **GOVT** 2305, 2306, **HIST** 1301, 1302, 2301, **PSYC** 2301, **SOCI** 1301, 1306

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

Elective – ITMT 1371, ITNW 1364, or any ITCC, ITMT, ITNW, or ITSY (course not listed above)

Note: ITCC 2320 (CCNA 3) – or the CCNA certification – is the prerequisite for the CCNP courses in the concurrent or postgraduate Enhanced Skills Certificate.