

**Guided Pathway**

Effective beginning with the 2022-2023 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.
<sup>c</sup> 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.
<sup>c</sup> Mathematics (see list below)	ITSC 1342 Shell Programming - Scripting
15 credit hours	15 credit hours

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

**Second Year - Collin College**

FIRST SEMESTER	SECOND SEMESTER
ITCC 2330 CCNP Enterprise: Core Networking (ENCOR)	ITCC 2335 CCNP Enterprise: Advanced Routing (ENARSI) (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
<sup>c</sup> Speech (see list below)	
Elective (see list below)	
15 credit hours	9 credit hours

**AAS Computer Networking Infrastructure Track (Routing & Switching)**

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

<sup>c</sup> 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 \*Check with academic advising regarding transferability. Some majors or institutions may require a higher-level mathematics course.

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.**