



STEM

**Associate in Applied Science in  
Computer Information Technology – Network  
Administrator and Support, CCNA Specialization to  
Bachelor of Applied Arts and Sciences  
Guided Pathway  
Effective for the 2019-2020 catalog<sup>1</sup>**



**BACHELOR OF  
APPLIED ARTS  
& SCIENCES**  
Experience  
Discovery  
Collaboration  
Application

CVC ECC MVC NLC RLC

**First Year – Cedar Valley, El Centro, Mountain View, North Lake, and Richland College<sup>2</sup>**

FIRST SEMESTER		SECOND SEMESTER	
ITCC 1414 – CCNA 1: Introduction to Networks		ITCC 2412 – CCNA 3: Scaling Networks	
ITCC 1440 – CCNA 2: Routing and Switching Essentials		ITCC 2413 – CCNA 4: Connecting Networks	
ITSC 1425 – Personal Computer Hardware		<sup>c</sup> ENGL 1301 – Composition I (010)	
ITSC 1405 – Introduction to PC Operating Systems		<sup>c</sup> Mathematics Elective* (020)	
Total Semester Hours: 16		Total Semester Hours: 14	

**Second Year – Cedar Valley, El Centro, Mountain View, North Lake, and Richland College**

It's best to apply to UNT a full semester before you plan to transfer. It will help if you submit a copy of this pathway with your application.

FIRST SEMESTER		SECOND SEMESTER	
ITSY 1400 – Fundamentals of Information Security <u>OR</u> ITMT 2440 – Designing Security for Microsoft Networks <u>OR</u> ITCC 2441 – CCNA Security		IT Specializations Elective+	
IT Specializations Elective+		IT Specializations Elective+	
<sup>c</sup> SPCH 1311 – Introduction to Speech Communication (090) <u>OR</u> <sup>c</sup> SPCH 1315 – Public Speaking (090) <u>OR</u> <sup>c</sup> SPCH 1321 – Business and Professional Communication (090)		IT Specializations Elective+	
<sup>c</sup> Social/Behavioral Science Elective* (060, 070 OR 080)		<sup>c</sup> Humanities/Fine Arts Elective* (040 OR 050)	
		Technical Elective+++	
Total Semester Hours: 14		Total Semester Hours: 16	

**AAS: Computer Information Technology – Network**

**Administrator and Support, CCNA Specialization (60 hours)**

You will need to apply for the associate's degree at your community college. Contact your advisor there for more information.

**Third Year Courses – University of North Texas**

FIRST SEMESTER		SECOND SEMESTER	
BAAS 3020 - Inquiry and Discovery		BAAS 3000 – Pathways to Civic Engagement	
<sup>c</sup> ENGL 1320 – College Writing II (ENGL 1302)		<sup>c</sup> PSCI 2306 - US and Texas Constitutions and Institutions (GOVT 2306)	
<sup>c</sup> PSCI 2305 – American Gov't: Process & Policies (GOVT 2305)		<sup>c</sup> Life and Physical Science, or Math if science course taken in first year.	
<sup>c</sup> Life and Physical Science, or Math if science course taken in first year.		BCIS 3610 – Basic Information Systems (Conc. 2)	
BCIS 2610 – Introduction to Computers in Business (Conc. 2)		3XXX-4XXX Concentration 3	
Total Semester Hours: 15		Total Semester Hours: 15	

**Fourth Year Courses – University of North Texas**

FIRST SEMESTER		SECOND SEMESTER	
<sup>c</sup> HIST 2610 – US History to 1865 (HIST 1301)		BAAS 4100 - Managing a 21 <sup>st</sup> Century Career	
<sup>c</sup> Component Area Option 3XXX-4XXX		<sup>c</sup> HIST 2620 – US History since 1865 (HIST 1302)	
3XXX-4XXX Concentration 3		<sup>c</sup> Fine Arts course or Humanities if Fine Arts taken in first year. 3XXX-4XXX Level	
3XXX-4XXX Concentration 3		3XXX-4XXX Concentration 3	
BCIS 3620 – Mainframe Concepts (Cons. 2)		BCIS 4610 – Analysis of Business Information Systems (Conc. 2)	
Total Semester Hours: 15		Total Semester Hours: 15	

**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.

<sup>1</sup> You may use this pathway if you entered one of the seven colleges on or before this date.

<sup>2</sup> Students must earn at least 25% of the credit hours (15 hours) required for graduation through instruction by one of the seven colleges of the DCCCD awarding the degree.

<sup>3</sup> Specialization tracks are offered ONLY at the colleges listed:

**Cedar Valley:** Convergence Technology, CCNA, Microsoft, Virtualization/Cloud **El Centro:** Convergence Technology, CCNA, Microsoft, Security, Virtualization/Cloud

**Mountain View:** CCNA, Microsoft **North Lake:** CCNA, Microsoft, Virtualization/Cloud **Richland:** CCNA, Unix/Linux, Microsoft, Security, Virtualization/Cloud

<sup>c</sup> This course counts for the Core Curriculum at any public college or university in Texas.

\* There are several options to fulfill this requirement. See your academic advisor for a specific list.

+ You must choose a course from any category other than your primary specialization (**CCNA**).

Additional IT Specializations are as follows: Convergence Technology, CCNP, Virtualization/Cloud, Security, Unix/Linux, and Microsoft

+++ Technical Elective must be selected from the following: IMED 1191, ITCC 1191, ITNW 1164, ITNW 1192, ITSC 1164, ITSC 1166, ITSC 1171, ITSC 1191, ITSE 1191, or ITSY 1191.

You must earn a grade of "C" or better in English 1301 and the selected college-level mathematics course.

( ) Course numbers shown in parentheses are equivalent to these courses at UNT.

Approved: 2019-2020 Guided Pathway

**UNT Concentrations:**

In this plan, one Applied Arts and Science concentration is drawn from the community college coursework. A second is shown for illustration, and a third left open. There are many other possible concentrations that can be selected in consultation with your academic advisor.

For questions about the University portion of this degree plan, contact the UNT Applied Arts and Sciences Unit Office at (940) 369-8129, [baas@unt.edu](mailto:baas@unt.edu) <http://baas.unt.edu>