



STEM



**Associate of Applied Science in  
Cyber Security – System Security Administration Emphasis to  
Bachelor in Applied Arts and Sciences  
With a Focus in Computer Science  
Guided Pathway  
Effective for the 2019-2020 catalog<sup>1</sup>**



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

**First Year – Richland College<sup>2</sup>**

FIRST SEMESTER	SECOND SEMESTER
<sup>C</sup> ENGL 1301 – Composition I (010)	ITSY 1400 – Fundamentals of Information Security
ITCC 1414 – CCNA 1: Introduction to Networks	ITMT 2405 – Designing and Implementing a Server Infrastructure
<sup>C</sup> MATH 1314 – College Algebra (020)	ITSC 1425 <b>Personal Computer Hardware</b>
ITSC 1416 – Linux Installation and Configuration	<sup>C</sup> SPCH 1321 – Business and Professional Communication (090)
POFI 1104 – Computer Fundamentals#	

**Second Year – 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 2442 – Incident Response and Handling	ITSC 2425 – Advanced Linux
ITMT 1457 – Administering a Windows Server Operating System	ITMT 2404 – Implementing an Advanced Server Infrastructure
ITSE 1429 – Programming Logic and Design	ITSY 2400 – Operating System Security <b>OR</b> ITSY 2486 – Internship-Computer and Information Systems Security
<sup>C</sup> Humanities/Fine Arts Elective* (040 or 050)	<sup>C</sup> Social/Behavioral Sciences Elective* (060, 070 or 080)

**AAS: Cyber Security – System Security Administration Emphasis (60 hours)**

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

**Summer - University of North Texas**

FIRST SEMESTER	SECOND SEMESTER
CSC 1030 – Computer Science I (COSC 1436)	CSC 1040 – Computer Science II (COSC 1437)

**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 (010)	<sup>C</sup> Life and Physical Science (030)
<sup>C</sup> Life and Physical Science (030)	<sup>C</sup> Humanities Course (040) or <sup>C</sup> Fine Arts course (050) depending on what student has already taken 3XXX-4XXX.
CSC 2100 – Computer Foundations I (MATH 2305)	CSC 2110 – Computing Foundations II (COSC 2336)
Elective 3XXX-4XXX	Elective 3XXX-4XXX

**Summer - University of North Texas**

FIRST SEMESTER
Elective 3XXX-4XXX

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

FIRST SEMESTER	SECOND SEMESTER
<sup>C</sup> PSCI 2305 – American Gov't: Process & Policies (070)	BAAS 4100 - Managing a 21 <sup>st</sup> Century Career
<sup>C</sup> HIST 2610 – US History to 1865 (060)	<sup>C</sup> PSCI 2306 - US and Texas Constitutions and Institutions (070)
<sup>C</sup> Component Area 3XXX-4XXX (090)	<sup>C</sup> HIST 2620 – US History since 1865 (060)
CSC 3XXX-4XXX	CSC 3XXX-4XXX
CSC 3XXX-4XXX	CSC 3XXX-4XXX

**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>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.

# Students must choose Word Processing Skills or Spreadsheet Skills.

You must earn a grade of "C" or better in English 1301 and MATH 1314.

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

Approved: 2019-2020 Guided Pathway

UNT Focus Areas/Concentrations:

In this plan, one Applied Arts and Science concentration is drawn from the community college coursework. An 8 course focus area is also included in this sample plan. Alternative concentrations could 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>