



STEM



**Associate of Applied Science in
Cyber Security – Information Assurance Emphasis to
Bachelor of Applied Arts and Sciences
Guided Pathway
Effective for the 2019-2020 catalog¹**



BACHELOR OF APPLIED ARTS & SCIENCES
Experience
Discovery
Collaboration
Application

First Year – Richland College²

| FIRST SEMESTER | SECOND SEMESTER |
|----------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ^C 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 |
| ^C MATH 1314 – College Algebra (020) | ITCC 1440 – CCNA 2: Routing and Switching Essentials <u>OR</u> ITDF 1400 – Introduction to Digital Forensics <u>OR</u> ITSC 1425 – Personal Computer Hardware |
| ITSC 1416 – Linux Installation and Configuration <u>OR</u> ITSC 1405 – Introduction to PC Operating Systems | ^C 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 2459 – Security Assessment and Auditing | ITSY 2442 – Incident Response and Handling |
| ITSY 1442 – Information Technology | ITSY 2401 – Firewalls and Network Security |
| ITSE 1429 – Programming Logic and Design | ITSY 2441 – Security Management Practices <u>OR</u> ITSY 2486 – Internship-Computer and Information Systems Security |
| ^C Humanities/Fine Arts Elective* (040 or 050) | ^C Social/Behavioral Sciences Elective* (060, 070 or 080) |

AAS: Cyber Security – Information Assurance Emphasis (60 hours)

You will need to apply for the associate 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 |
| ^C ENGL 1320 – College Writing II (010) | ^C Life and Physical Science (030) |
| ^C Life and Physical Science (030) | ^C Humanities Course (040) or ^C Fine Arts course (050) depending on what student has already taken. |
| CJUS 3310 – Organized and Consensual Crime | CJUS 3340 – Computer Crime |
| CJUS 3320 – Corporate Security and Loss Prevention | CJUS 3600 – Criminology |

Fourth Year Courses – University of North Texas

| FIRST SEMESTER | SECOND SEMESTER |
|-------------------------------------------------------------------|----------------------------------------------------------------------------|
| ^C PSCI 2305 – American Gov't: Process & Policies (070) | BAAS 4100 - Managing a 21 st Century Career |
| ^C HIST 2610 – US History to 1865 (060) | ^C PSCI 2306 - US and Texas Constitutions and Institutions (070) |
| ^C Component Area 3XXX-4XXX (090) | ^C HIST 2620 – US History since 1865 (060) |
| CJUS 3250 | CJUS 3700 – Ethical Issues in Criminal Justice |
| CJUS 4360 – Criminal Investigation | CJUS 4900 – Special Problems |

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.

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

² 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.

^C 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 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.