



STEM



**Associate in Applied Science in
Engineering Technology – Electronics Technology 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
DFTG 1309 – Basic Computer-Aided Drafting	^c ENGL 1301 – Composition I (010)
MCHN 1300 – Beginning Machine Shop	INTC 1307 – Instrumentation Test Equipment
CETT 1403 – DC Circuits	CETT 1405 – AC Circuits
TECM 1341 – Technical Algebra OR ^c MATH 1314 – College Algebra (020)	CETT 1425 – Digital Fundamentals
	TECM 1317 – Technical Trigonometry OR ^c MATH 1316 – Plane Trigonometry (020)

Total Semester Hours: 13

Total Semester Hours: 17

Second Year – Richland College

It's best to apply to University of North Texas 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
INMT 1417 – Industrial Automation OR COSC 1436 – Programming Fundamentals I	CETT 1357 – Linear Integrated Circuits OR CETT 2337 – Microcomputer Control OR ENTC 2380 – Cooperative Education–Engineering Technology, General
CETT 1429 – Solid State Devices	^c Social/Behavioral Science Elective* (060, 070 OR 080)
HYDR 1345 – Hydraulics and Pneumatics	^c Humanities/Fine Arts Elective* (040 OR 050)
^c PHYS 1401 – College Physics I (030) OR ^c PHYS 1405 – Elementary Physics I (030)	TECM 1349 – Technical Math Applications
^c SPCH 1311 – Introduction to Speech Communication (090) OR ^c SPCH 1315 – Public Speaking (090)	

Total Semester Hours: 18

Total Semester Hours: 12

AAS: Engineering Technology – Electronics Technology (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
^c ENGL 1320 – College Writing II (010)	^c PSCI 2306 - US and Texas Constitutions and Institutions (070)
^c PSCI 2305 – American Gov't: Process & Policies (070)	^c Life and Physical Science (030)
INFO 4306 – Project Management for Info Systems	INFO 4400 – Evaluation & Dev. Of Info Resources
INFO 4307 – Knowledge Management Tools & Tech	INFO 4710 – Information Technology Management

Total Semester Hours: 15

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Fourth Year Courses – University of North Texas

FIRST SEMESTER	SECOND SEMESTER
^c HIST 2610 – US History to 1865 (060)	BAAS 4100 - Managing a 21 st Century Career
^c Component Area Option 3XXX-4XXX	^c HIST 2620 – US History since 1865 (060)
Elective	^c Humanities Course (040) or ^c Fine Arts course (050) depending on what student has already taken.
3XXX-4XXX Concentration 3	3XXX-4XXX Concentration 3
3XXX-4XXX Concentration 3	3XXX-4XXX Concentration 3

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.

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.

+ Technical elective must be selected from the following: CETT 1402, CETT 1407, CPMT 1449, EECT 1403, EECT 1408, EECT 1491,

EECT 2439, ELMT 1411, ELMT 2471, LOTT 1401, WIND 2410

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

Approved: 2019-2020 Guided Pathway

UNT Concentrations:

This plan illustrates one possible concentration. However, there are other possible concentrations that can be selected in conjunction 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
<http://baas.unt.edu>

