



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

AAS. Electronics Technology – Robotics and Automation to  
Bachelor of Applied Arts and Sciences  
**Guided Pathway**  
2019-2020 Catalog

**First Year - Tarrant County College District**

FIRST SEMESTER	SECOND SEMESTER
<b>MATH 1314(020)</b> – College Algebra <sup>C*</sup>	<b>CETT 1441</b> – Solid State Circuits
<b>CETT 1409</b> – DC-AC Circuits	<b>GOVT 2305(080)</b> – Federal Government <sup>C*</sup>
<b>CETT 1449</b> – Digital Systems	<b>RBTC 1351</b> – Robotic Mechanisms
<b>RBTC 1401</b> - Programmable Logic Controls	<b>CETT 1445</b> – Microprocessor

**Second Year – Tarrant County College District**

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
<b>ARTS 1301 (050)</b> – Art Appreciation <sup>C*</sup>	<b>ELMT 2337</b> – Electronics Troubleshooting, Service, Repair
<b>CETT 2435</b> – Advanced Microprocessors	<b>ELPT 2455</b> – Programmable Logic Control II
<b>ENGL 1301(010)</b> – Composition I <sup>C</sup>	<b>RBTC 2445</b> – Robot Application, Set-Up & Testing (Capstone)
<b>RBTC 1447</b> – Electro-Mechanical Devices	<b>SPCH 1321(010)</b> – Business & Prof Comm <sup>C*</sup>
<b>HYDR 1345</b> – Hydraulics and Pneumatics	

**AAS: Electronics Technology – Robotics and Automation**

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

**Third Year – University of North Texas**

FIRST SEMESTER	SECOND SEMESTER
<b>BAAS 3020</b> - Inquiry and Discovery	<b>BAAS 3000</b> – Pathways to Civic Engagement
<sup>C</sup> <b>ENGL 1320</b> – College Writing II <b>(010)</b>	<sup>C</sup> <b>Life and Physical Science (030)</b>
<sup>C</sup> <b>Life and Physical Science (030)</b>	<sup>C</sup> <b>Mathematics (020)</b>
<b>MGMT 3720</b> – Organizational Behavior	<b>MGMT 4470</b> – Leadership
<b>3XXX-4XXX Concentration 3</b>	<b>3XXX-4XXX Concentration 3</b>

**Fourth Year - University of North Texas**

FIRST SEMESTER	SECOND SEMESTER
<sup>C</sup> <b>PSCI 2305</b> – American Gov't: Process & Policies <b>(070)</b>	<b>BAAS 4100</b> - Managing a 21 <sup>st</sup> Century Career
<sup>C</sup> <b>HIST 2610</b> – US History to 1865 <b>(060)</b>	<sup>C</sup> <b>PSCI 2306</b> - US and Texas Constitutions and Institutions <b>(070)</b>
<sup>C</sup> <b>Component Area 3XXX-4XXX (090)</b>	<sup>C</sup> <b>HIST 2620</b> – US History since 1865 <b>(060)</b>
<b>MGMT 3850</b> – Foundations of Entrepreneurship	<b>MGMT 4660</b> – International Management Perspectives
<b>3XXX-4XXX Concentration 3</b>	<b>3XXX-4XXX Concentration 3</b>

**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.

\* You may take a different course to meet this requirement. A specific list is available from your advisor.

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

**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](mailto:baas@unt.edu) <http://baas.unt.edu>