***AAS in* Electronics Technology (Robotics and Automation) *(60 hours)***

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

**First Year – Tarrant Country College**

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| **FALL TERM** | **SPRING TERM** |
| CETT 1409 - DC-AC Circuits | CETT 1441 - Solid State Circuits |
| CETT 1449 - Digital Systems | CETT 1445 - Microprocessor |
| RBTC 1401 - Programmable Logic Controllers | GOVT 2306 - Texas Government (Texas Constitution & Topics) +  **OR**  GOVT 2305 - Federal Government  (Federal Constitution & Topics) + |
| General Education - Mathematics Elective Semester Hours: 3 \* | RBTC 1351 - Robotic Mechanisms |
| **Total Semester Hours: 15** | **Total Semester Hours: 14** |

**Second Year – Tarrant Country 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.

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| **FALL TERM** | **SPRING TERM** |
| CETT 2435 - Advanced Microprocessors | ELMT 2337 - Electronic Troubleshooting, Service and Repair |
| ENGL 1301 - Composition I + | ELPT 2455 - Programmable Logic Controllers II |
| RBTC 1447 - Electro-Mechanical Devices | RBTC 2445 - Robot Application, Set-Up and Testing (Capstone) |
| HYDR 1345 - Hydraulics and Pneumatics | SPCH 1321 - Business and Professional Communication +  **OR**  SPCH 1311 - Introduction to Speech Communication +  **OR**  SPCH 1315 - Public Speaking + |
| General Education - Creative Arts/Language, Philosophy and  Culture Semester Hours: 3 |
| **Total Semester Hours: 17** | **Total Semester Hours: 14** |

***BAAS: Applied Arts & Sciences***

Upon admittance into the University of North Texas, students pursuing the Bachelor of Applied Arts & Sciences degree will need to complete *a minimum of 60 credit hours* to meet the 120-hour requirement for this degree program. Of those 60 hours, 36 hours must be advanced-level (3000-4000 level) and 24 of the 36 advanced hours must be completed in residence at UNT. A total of 30 hours must be completed at UNT to meet the university’s residency requirement.

A diagram of a pyramid

Description automatically generated

Students will select professional development concentrations and/or a focus area in consultation with a CACS advisor. Please contact the College of Applied and Collaborative Studies Advising Office at [CACS@unt.edu](mailto:CACS@unt.edu) for assistance regarding customized concentrations and focus area options, and unofficial degree plans.

**This is not an official degree plan***.* **Check with a Collin College and UNT CACS 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.
* **C**This course counts for the Core Curriculum at any public college or university in Texas
* Limited Focus Area options and number of advanced hours vary between (15-24 hours)