***AAS:* Robotics and Automation Technology**

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

**First Year - Collin College**

|  |  |
| --- | --- |
| **FIRST SEMESTER** | **SECOND SEMESTER** |
| CETT 1307 - Fundamentals of Electronics | CETT 1409 - DC - AC Circuits |
| CETT 1425 - Digital Fundamentals | ELMT 1305 - Basic Fluids Power |
| ENGL 1301 - Composition I | RBTC 1405 - Robotic Fundamentals |
| ENTC 1171 - Introduction to Engineering Technology | SPCH 1321 - Business and Professional Communication  (See [Speech](https://www.collin.edu/academics/programs/AAS_GenEd.html) options) |
| TECM 1343 - Technical Algebra and Trigonometry1 |
| **Total Semester Hours: 14** | **Total Semester Hours: 14** |

**Second Year – Collin 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** |
| ELMT 1301 - Programmable Logic Controllers | ECON 1301 - Introduction to Economics  (See [Social / Behavioral Sciences](https://www.collin.edu/academics/programs/AAS_GenEd.html) options) |
| INTC 1307 - Instrumentation Test Equipment | ELMT 2339 - Advanced Programmable Logic Controllers |
| INTC 1357 - AC / DC Motor Control | INTC 2359 - Distributed Control Systems (Capstone) |
| PHYS 1405 - Elementary Physics I - Conceptual Physics  (See [Natural Sciences](https://www.collin.edu/academics/programs/AAS_GenEd.html) options) | General Education - [Humanities / Fine Arts](https://www.collin.edu/academics/programs/AAS_GenEd.html) course |
| RBTC 2345 - Robot Application, Set - up and Testing | ELECTIVE\* |
| **Total Semester Hours: 16** | **Total Semester Hours: 16** |

***\* Elective (4 credit hours): CETT 1445 or ELMT 2480***

***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)