***AAS in Robotics and Industrial 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 – Dallas College**

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| **FIRST SEMESTER** | **SECOND SEMESTER** |
| CETT 1403 - DC Circuits | ENGL 1301 - Composition I |
| RBTC 1405 - Robotic Fundamentals | RBTC 1401 - Programmable Logic Controllers  **OR**  ELPT 2419 - Programmable Logic Controllers I |
| SPCH 1311 - Introduction to Speech Communication  **OR**  SPCH 1315 - Fundamentals of Public Speaking | CETT 1405 - AC Circuits |
| CETT 1425 - Digital Fundamentals |
| QCTC 1341 - Statistical Process Control  **OR**  TECM 1317 - Technical Trigonometry  **OR**  MATH 1316 - Plane Trigonometry |
| MATH 1314 - College Algebra |
| **Total Semester Hours: 14** | **Total Semester Hours: 18** |

**Second Year – Dallas 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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| **THIRD SEMESTER** | **FOURTH SEMESTER** |
| RBTC 2445 - Robot Application, Set-Up and Testing | INMT 1417 - Industrial Automation |
| INTC 1457 - DC/AC Motor Controls |
| RBTC 1451 - Robotic Mechanisms | ELMT 1405 - Basic Fluid Power  **OR**  HYDR 1445 - Hydraulics and Pneumatics |
| ENTC 2280 - Cooperative Education-Engineering Technology,  General  **OR**  EECT 1104 - Electronic Soldering  **AND**  EECT 1191 - Special Topics in Electrical, Electronics, and  Communications Engineering Technology |
| General Education - [Social/Behavioral Science](https://www1.dcccd.edu/catalog/GeneralInfo/CoreCurriculum/ct-core.cfm#behavioralsciences) |
| General Education - [Humanities/Fine Arts](https://www1.dcccd.edu/catalog/GeneralInfo/CoreCurriculum/ct-core.cfm#humanities) |
| **Total Semester Hours: 14** | **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)