***AAS in* Industrial Mechatronics *(60 hours)***

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

**First Year – North Central Texas College**

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| **FIRST SEMESTER** | **SECOND SEMESTER** |
| QCTC 1303 - Quality Control | RBTC 1305 - Robotic Fundamentals  **OR**  ELPT 1319 - Fundamentals of Electricity |
| OSHT 1320 - Industrial Safety | MFGT 1404 - Automated Manufacturing  **OR**  ELPT 2319 - Programmable Logic Controllers I |
| LMGT 1319 - Introduction to Business Logistics | MFGT 1406 - Mechanical Principles in Manufacturing  **OR**  ELPT 2305 - Motors & Transformers |
| LMGT 1321 - Introduction to Material Handling | MFGT 2459 - Industrial Automation II  **OR**  ELPT 1341 - Motors Controls and (Electrical Concentration) |
| TECM 1301 - Industrial Mathematics | ELPT 1325 - National Electric Code I |
| **Total Semester Hours: 15** | **Total Semester Hours: 15** |

**Second Year – North Central Texas 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** |
| INMT 1311 - Computer Integrated Manufacturing | ARTS 1301 - ART Appreciation |
| INMT 1343 - CAD/CAM | GOVT 2306 - Texas Government |
| SPCH 1321 - Business/Professional Communication  **OR**  SPCH 1311 - Introduction to Speech Communication  **OR**  SPCH 1318 - Interpersonal Communication | MATH 1314 - College Algebra  **OR**  MATH 1332 - Contemporary Mathematics I |
| RBTC 1301 - Programmable Logic Controller | ENGL 2311 - Technical & Business Writing |
| INMT 2345 - Industrial Troubleshooting | INMT 2380 - Co-operative Education Manufacturing Technology |
| **Total Semester Hours: 15** | **Total Semester Hours: 15** |

***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)