***AAS in* Computer-Aided Drafting and Design Technology (Manufacturing Technology) *(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** |
| DFTG 1305 - Introduction to Technical Drawing | DFTG 1445 - Parametric Modeling and Design |
| MCHN 1338 - Basic Machine Shop I | DFTG 2440 - Solid Modeling and Design |
| ENGL 1301 - Composition I + | MATH 1314 - College Algebra +  **OR**  MATH 1324 - Mathematics for Business and Social Sciences +  **OR**  MATH 1332 - Contemporary Mathematics  (Quantitative Reasoning) + |
| DFTG 1409 - Basic Computer-Aided Drafting | DFTG 2402 - Machine Drafting |
| **Total Semester Hours: 13** | **Total Semester Hours: 15** |

**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** |
| DFTG 2423 - Pipe Drafting  **OR**  MCHN 2434 - Operation of CNC Machining Centers | DFTG 2458 - Advanced Machine Design  **OR**  MCHN 2444 - Computerized Numerical Control Programming |
| DFTG 1458 - Electrical and Electronics Drafting  **OR**  MCHN 2431 - Operation of CNC Turning Centers | DFTG 2438 - Final Project - Advanced Drafting (Capstone) |
| SPCH 1321 - Business and Professional Communication +  **OR**  SPCH 1311 - Introduction to Speech Communication +  **OR**  SPCH 1315 - Public Speaking + | GOVT 2306 - Texas Government (Texas Constitution & Topics)  **OR**  GOVT 2305 - Federal Government  (Federal Constitution & Topics) + |
| DFTG 2419 - Intermediate Computer-Aided Drafting  **OR**  MCHN 2435 - Advanced CNC Machining |
| General Education - Creative Arts/Language, Philosophy and Culture  Semester Hours: \* | MCHN 2303 - Fundamentals of Computer Numerical Controlled  (CNC) Machine Controls |
| **Total Semester Hours: 18** | **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)