***AAS in Cloud System Operations (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** |  |
| ITNW 1309 - Fundamentals of Cloud Computing | ITSE 1359 - Introduction to Scripting Languages |
| ITNW 1378 - Cloud Networking | ITSC 1316 - Linux Installation and Configuration |
| ITSE 1370 - Introduction to Python Programming | ITSE 1346 - Database Theory and Design |
| General Education - SPCH Elective | ITNW 1336 - Cloud Deployment and Infrastructure Management |
| General Education - [Humanities/Fine Arts](https://www1.dcccd.edu/catalog/GeneralInfo/CoreCurriculum/ct-core.cfm#humanities) | ENGL 1301 - Composition I |
| **Total Semester Hours: 15** | **Total Semester Hours: 15** |

**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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| **FIRST SEMESTER** | **SECOND SEMESTER** |
| ITNW 1377 - Introduction to Infrastructure Automation | ITNW 2327 - Advanced Cloud Concepts  **Or**  ITNW 2364 - Practicum (or Field Experience) - Computer  Systems Networking and Telecommunications |
| ITNW 1373 - Cloud Computing Security | ITNW 2329 - Application Development for the Cloud  **Or**  ITNW 2370 - Containerization and Micro Services |
| ITSC 2325 - Advanced Linux | ITSC 1315 - Project Management Software |
| ITNW 1313 - Computer Virtualization | ITSE 2370 - Intermediate Python Programming |
| General Education - [Mathematics](https://www1.dcccd.edu/catalog/GeneralInfo/CoreCurriculum/ct-core.cfm#mathematics) Elective | General Education - [Social/Behavioral Science](https://www1.dcccd.edu/catalog/GeneralInfo/CoreCurriculum/ct-core.cfm#behavioralsciences) |
| **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)