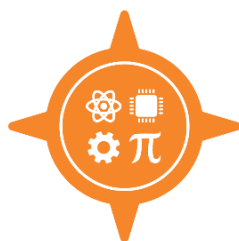


GUIDED PATHWAY: NETWORK ADMINISTRATOR AND SUPPORT A.A.S. - MTA (MICROSOFT TECHNOLOGY ASSOCIATE) SPECIALIZATION

ENGINEERING, TECHNOLOGY, MATHEMATICS and SCIENCES CAREER PATH



For more information, visit the [Dallas College Computer Information Technology webpage](http://www.dcccd.edu/CIT) [www.dcccd.edu/CIT] and your academic advisor at your campus.

This is an example course sequence for students interested in pursuing a degree in Network Administrator and Support. It does not represent a contract, nor does it guarantee course availability. Following this pathway will help you earn an Associate of Applied Science (A.A.S.) degree in Computer Information Technology–Network Administrator and Support, with an MTA Specialization. Students must earn at least 25% of the credit hours (15 hours) required for graduation through instruction by Dallas College. See catalog for [official degree requirements](#).

The A.A.S. degree is designed to provide education and training for individuals interested in developing their knowledge and skills as networking professionals. The program also provides preparatory training for a variety of industry certification examinations. Specialization tracks are also offered in CCNA, Unix/Linux, Security, Convergence, and Virtualization/Cloud. Specialization tracks are offered ONLY at the colleges listed: **Cedar Valley:** CCNA, Microsoft (MTA and MCSE). **El Centro:** Convergence Technology, CCNA, Microsoft (MTA and MCSE), Security, Virtualization/Cloud. **Mountain View:** CCNA, Microsoft (MTA and MCSE). **North Lake:** CCNA, Microsoft (MTA and MCSE), Virtualization/Cloud. **Richland:** CCNA, Unix/Linux, Microsoft (MTA and MCSE), Security, Virtualization/Cloud. Courses that complete the degree are noted below.

Visit the [NTCCC Transfer Consortium](#) to view guided pathways created for students who complete an A.A.S. degree and the options for transfer to complete a Bachelor of Applied Arts and Science. Speak with an academic advisor at your campus to choose courses that will help you to transfer to a specific university.

Catalog Year	2020-2021	You may use this pathway if you entered Dallas College on or before this date.
Degree Type	Associate of Applied Science	
GPA Requirement	Student must earn a GPA of 2.0 or higher	
TSI	Must be Complete	

SEMESTER-BY-SEMESTER MAP FOR FULL-TIME STUDENTS

All plans can be modified to fit the needs of part-time students. This is not an official degree plan. See catalog for [official degree requirements](#).

AAS DEGREE MINIMUM: 60 SEMESTER CREDIT HOURS

PROGRAM SPECIFIC REQUIREMENTS

If needed, complete one:

[ITSC 1401](#)

[BCIS 1405](#)

[COSC 1301](#)

AND Complete:

[ITSE 1429](#)

SEMESTER 1

Total Hours: 16

[ITNW 1425](#) – Fundamentals of Networking Technologies

[ITSC 1425](#) – Personal Computer Hardware

[ITSC 1405](#) – Introduction to PC Operating Systems

CHOOSE ONE: [ITNW 1408](#) – Implementing and Supporting Client Operating Systems **OR**

SEMESTER 1 ACTION ITEMS

1. Meet with your advisor to confirm academic and career goals before the end of the semester.
2. Meet with a career advisor or coach to research your career options and opportunities for job shadowing.

SEMESTER 2

Total Hours: 14

[ITNW 1492](#) – Special Topics in Computer Systems Networking and Telecommunications

[MATHEMATICS ELECTIVE*](#) *This is a Core course. You must earn a grade of "C" or better.*

[ENGL 1301](#) – Composition I *This is a Core course. You must earn a grade of "C" or better.*

CHOOSE ONE: [ITSY 1400](#) – Fundamentals of Information Security **OR**
[ITMT 2440](#) – Designing Security for Microsoft Networks

* There are several options to fulfill this requirement. See your academic advisor for a specific list.

SEMESTER 2 ACTION ITEMS

1. Meet with your advisor to request an official program of study audit and confirm or update your academic/career path.

SEMESTER 3

Total Hours: 14

IT SPECIALIZATIONS ELECTIVE*

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[SOCIAL/BEHAVIORAL SCIENCE ELECTIVE**](#) *This is a Core course.*

CHOOSE ONE: [SPCH 1311](#) – Introduction to Speech Communication *This is a Core course.*

[SPCH 1315](#) – Public Speaking *This is a Core course.* **OR**

[SPCH 1321](#) – Business and Professional Communication *This is a Core course.*

*You must choose a course from any category other than your primary specialization (*Microsoft*). Additional IT Specializations are as follows: CCNA, Technology, CCNP, Virtualization/Cloud, UNIX.LINUX, Convergence, and Security. See advisor and/or catalog for specific list.

** There are several options to fulfill this requirement. See your academic advisor for a specific list.

SEMESTER 3 ACTION ITEMS

1. Meet with a career advisor or coach for assistance in preparing for job search.

SEMESTER 4

Total Hours: 16

[ITMT 2405](#) – Designing and Implementing a Server Infrastructure

IT SPECIALIZATIONS ELECTIVE*

IT SPECIALIZATIONS ELECTIVE*

[HUMANITIES/FINE ARTS ELECTIVE**](#) *This is a Core course.*

TECHNICAL ELECTIVE – *Select from the following: IMED 1191, ITCC 1191, ITNW 1164, ITNW 1192, ITSC 1164, ITSC 1166, ITSC 1171, ITSC 1191, ITSE 1191, or ITSY 1191*

*You must choose a course from any category other than your primary specialization (*Microsoft*). Additional IT Specializations are as follows: CCNA, Technology, CCNP, Virtualization/Cloud, UNIX.LINUX, Convergence, and Security. See advisor and/or catalog for specific list.

** There are several options to fulfill this requirement. See your academic advisor for a specific list.

SEMESTER 4 ACTION ITEMS

1. After reviewing your degree plan and program of study, meet with your advisor to apply for the Network Administrator and Support, with a MTA Specialization A.A.S.
2. Sign up for Commencement.
3. Join the [Alumni Network!](#)

PATHWAY TOTAL: 60 SEMESTER CREDIT HOURS