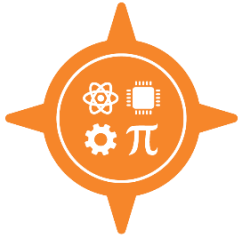


GUIDED PATHWAY: NETWORKING SUPPORT CERTIFICATE

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 the Networking Security Awards. It does not represent a contract, nor does it guarantee course availability. Following this pathway will help you earn a Networking Support Certificate. Courses from this certificate may apply to the related A.A.S. degree. Students must earn at least 25% of the credit hours required for graduation through instruction by Dallas College. See catalog for [official certificate requirements](#).

This certificate offers courses to prepare networking systems engineers, database administrators, and systems administrators for the Microsoft Technology Associate (MTA) IT Infrastructure certification exam. The program also provides preparatory training for those wishing to take the Microsoft Certified Solutions Expert (MCSE) Server Administrator, Microsoft Certified Solutions Expert (MCSE) Enterprise Administrator, Microsoft Certified Solutions Expert (MCSE) Database Administrator, and Microsoft Certified Solutions Expert (MCSE) Enterprise Support Technician certification examinations. Courses that complete the certificate are noted below.

Students pursuing this certificate are waived from the [Texas Success Initiative \(TSI\)](#) standards, but must meet course prerequisites.

Catalog Year	2020-2021	You may use this pathway if you entered Dallas College on or before this date.
Degree Type	Level I Certificate	
GPA Requirement	Student must earn a GPA of 2.0 or higher	
TSI	May be Exempt	

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 certificate requirements](#).

CERTIFICATE MINIMUM: 16 SEMESTER CREDIT HOURS

PREREQUISITES

Basic understanding of personal computers and operating systems as obtained in [ITSC 1401](#) or [BCIS 1405](#) or [COSC 1301](#), and problem solving and logic structures as obtained in [ITSE 1429](#) or equivalent experience approved by designated Information Technology personnel.

SEMESTER 1

Total Hours: 8

[ITMT 1458](#) – Windows Client Operating Systems

CHOOSE ONE: [ITNW 1425](#) – Fundamentals of Networking Technologies **OR**

[ITMT 1406](#) – Computer Systems Networking and Telecommunications

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 and for assistance in preparing for job search.

SEMESTER 2

Total Hours: 8

[ITMT 1457](#) – Administering a Windows Server Operating System

CHOOSE ONE: [ITSY 1400](#) – Fundamentals of Information Security **OR**

[ITMT 2440](#) – Designing Security for Microsoft Networks

SEMESTER 2 ACTION ITEMS

1. **CAPSTONE:** Upon completion of this award, students are eligible to take the Microsoft Technology Associate (MTA) IT Infrastructure certification exam for each course.
2. Meet with your advisor to apply for the Networking Support Certificate.

PATHWAY TOTAL: 16 SEMESTER CREDIT HOURS