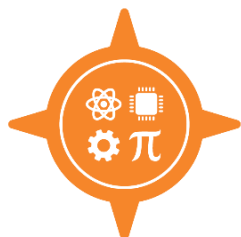


GUIDED PATHWAY: SQL SERVER CERTIFICATE

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 Networking Security Awards. It does not represent a contract, nor does it guarantee course availability. Following this pathway will help you earn a SQL Server 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 provides students with the knowledge and skills required to install, configure, administer, and troubleshoot the client-server database management system of Microsoft SQL Server, and the preparatory training for the Microsoft Certified IT Professional Database Administrator exam. 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, as long as the student completes the TSI waiver form prior to enrollment.

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: 20 SEMESTER CREDIT HOURS

PREREQUISITES

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

SEMESTER 1

Total Hours: 12

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

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

CHOOSE ONE: [ITMT 1458](#) – Windows Client Operating System **OR**

[ITNW 1408](#) – Implementing and Supporting Client Operating Systems

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 career options and opportunities for job shadowing

SEMESTER 2

Total Hours: 8

[ITMT 1403](#) – Querying Microsoft SQL Server with Transact-SQL

[ITMT 2403](#) – Administering a Microsoft SQL Server Database *This is the capstone experience for this award.*

SEMESTER 2 ACTION ITEMS

1. Meet with a career advisor or coach for assistance in preparing for job search.
2. Meet with your advisor to apply for the SQL Server Certificate.

PATHWAY TOTAL: 20 SEMESTER CREDIT HOURS