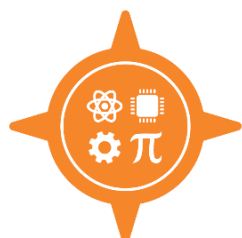


GUIDED PATHWAY: DBA CERTIFICATE

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 Programming Awards. It does not represent a contract, nor does it guarantee course availability. Following this pathway will help you earn a DBA 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 option is designed to provide training for those desiring a basic understanding of the duties of an Oracle Database Administrator. Courses will assist graduate in preparation for the Oracle certification exams. Students must complete the courses below in sequence. 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	2021-2022	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: 6-8

DATABASE COURSE – (1 course – List A) [ITSE 1303](#), [ITSE 2409](#), [ITSW 1307](#) or [ITSW 1407](#)

CHOOSE ONE: [ITSE 1345](#) – Introduction to Oracle SQL **OR**

[ITSE 1445](#) – Introduction to Oracle SQL

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: 10-12

CHOOSE ONE: [ITSE 2356](#) – Oracle Database Administration I **OR**

[ITSE 2456](#) – Oracle Database Administration I

CHOOSE ONE: [ITSE 2358](#) – Oracle Database Administration II **OR**

[ITSE 2458](#) – Oracle Database Administration II

CHOOSE ONE: [ITSE 1491](#) – Special Topics in Computer Programming **OR**

Elective – Any 4-hour **BCIS**, **COSC**, **INEW**, **ITMC**, **ITSC**, **ITSE**, or **ITSW** course

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 DBA Certificate.

PATHWAY TOTAL: 16-20 SEMESTER CREDIT HOURS