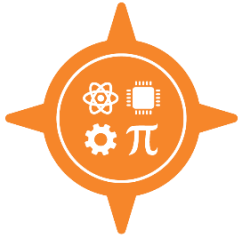


GUIDED PATHWAY: OS ADMINISTRATION CERTIFICATE

ENGINEERING, TECHNOLOGY, MATHEMATICS and SCIENCES CAREER PATH



For more information, visit the [Dallas College Internet Development webpage](http://www.dcccd.edu/InternetDev) [www.dcccd.edu/InternetDev] and your academic advisor at the El Centro Campus.

This is an example course sequence for students interested in pursuing the OS Administration Level I Certificate. It does not represent a contract, nor does it guarantee course availability. Following this pathway will help you earn a certificate in OS Administration. 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 training in fundamental skills required for Operating System (OS) deployment, administration, and maintenance. Areas of study include Open Source, Microsoft, Oracle, IIS, and Apache Web Servers, networking, and programming topics. 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	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 certificate requirements](#).

CERTIFICATE MINIMUM: 24 SEMESTER CREDIT HOURS

PREREQUISITES

A working knowledge and understanding of personal computers and operating systems obtained in ITSC 1401 or BCIS 1405 or COSC 1301 or equivalent experience approved by Information Technology personnel.

SEMESTER 1

Total Hours: 8

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

CHOOSE ONE: [ITSC 1416](#) – Linux Installation and Configuration **OR**

[ITSC 1405](#) – Introduction to PC 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 your career options and opportunities for job shadowing.

SEMESTER 2

Total Hours: 8

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

[ITSE 2409](#) – Database Programming

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 and program of study.
2. Meet with a faculty or career advisor regarding placement for the internship course.

SEMESTER 3

Total Hours: 8

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

CHOOSE ONE: [EECT 1407](#) – Convergence Technologies **OR**

[ITNW 1458](#) – Network

SEMESTER 3 ACTION ITEMS

1. Meet with your advisor to apply for the OS Administration Certificate.

PATHWAY TOTAL: 24 SEMESTER CREDIT HOURS