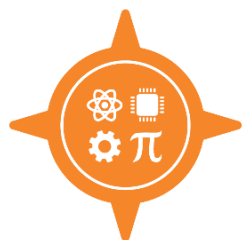


GUIDED PATHWAY: INFORMATION SYSTEMS ADMINISTRATION CERTIFICATE

ENGINEERING, TECHNOLOGY, MATHEMATICS and SCIENCES CAREER PATH



For more information, visit the [Dallas College Internet Development Technologies 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 Information Systems 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 Site System 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 stresses the configuration, maintenance and management of server technologies used in delivering complex web services. Areas of study include installing and configuring Windows, UNIX/Linux, Macintosh and monitoring and securing website servers. 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: 35 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: 22

[BCIS 1305](#) – Business Computer Applications
[CPMT 1451](#) – IT Essentials: PC Hardware and Software
[ITSC 2439](#) – Personal Computer Help Desk Support
[ITNW 1309](#) – Fundamentals of Cloud Computing
[ITNW 1425](#) – Fundamentals of Networking Technologies
CHOOSE ONE: [ITSY 1442](#) – Information Technology Security **OR**
[ITSC 1416](#) – Linux Installation and Configuration

SEMESTER 1 ACTION ITEMS

1. Meet with an advisor to confirm academic and career goals.
2. Meet with a career advisor or coach to research career options and opportunities for job shadowing.
3. Meet with a faculty or career advisor regarding placement for the Cooperative course.

SEMESTER 2

Total Hours: 13

[ENGL 1301](#) – Composition I *This is a Core course.*
[ITSC 1315](#) – Project Management Software
[CPMT 2350](#) – Industry Certification Preparation
CHOOSE ONE: [ITSC 1480](#) – Cooperative Education-Computer and Information Sciences, General **OR**

SEMESTER 2 ACTION ITEMS

1. Meet with your advisor to request an official degree plan and confirm or update your academic/career path and program of study.
2. Meet with a career advisor or coach for assistance in preparing for job search.
3. Meet with your advisor to apply for the Information Systems Administration Certificate.

PATHWAY TOTAL: 35 SEMESTER CREDIT HOURS