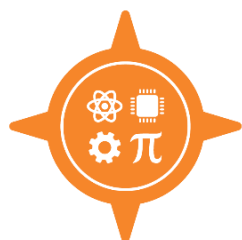# GUIDED PATHWAY: WEB DEVELOPER SPECIALIST CERTIFICATE

ENGINEERING, TECHNOLOGY, MATHEMATICS and SCIENCES CAREER PATH

For more information, visit the Dallas College Computer Information Technology webpage [www.dcccd.edu/CIT] and your academic advisor at your campus.

This is an example course sequence for students interested in pursuing Computer Information Technology. It does not represent a contract, nor does it guarantee course availability. Following this pathway will help you earn a Web Developer Specialist 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 trains the student to design and develop web pages and web business applications. It prepares the student to enter the workforce as a member of the company web development team for Internet/Intranet applications. Courses that complete the certificate are noted below. Upon completion of all required course work, the capstone experience for this certificate is student eligibility to sit for Web credentialing exams.

Catalog Year	2020-2021 You may use this pathway if you entered Dallas College on or before this date.
Degree Type	Level II 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: 37 SEMESTER CREDIT HOURS

PREREQUISITES

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

SEMESTER 1   Total Hours: 13

ENGL 1301 – Composition I *This is a Core course. Must earn a grade of "C" or higher.*
ARTC 1302 – Digital Imaging I
ITSE 1429 – Programming Logic and Design
IMED 1316 – Web Design I

> *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: 13

IMED 2315 – Web Design II
CHOOSE ONE: **ITSW 1307** – Introduction to Database ***OR***
                   ITSE 1303 – Introduction to MySQL
CHOOSE ONE: **SPCH 1311** – Introduction to Speech Communication *This is a Core course.*
                   SPCH 1315 – Public Speaking *This is a Core course.* ***OR***
                   SPCH 1321 – Business and Professional Communication *This is a Core course.*
CHOOSE ONE: **ITSE 1406** – PHP Programming ***OR***
                   ITSE 1430 – Introduction to C# Programming

SEMESTER 2 ACTION ITEMS
1.   Meet with your advisor to request an official degree plan and confirm or update your academic and career path and program of study.
2.   Meet with a career advisor or coach for assistance in preparing for job search.

SEMESTER 3   Total Hours: 11

ITSE 1411 – Beginning Web Programming
IMED 2313 – Project Analysis and Design *This is the capstone experience for this award.*
INEW 2430 – Comprehensive Software Project: Planning and Design

SEMESTER 3 ACTION ITEMS
1.   Meet with your advisor to apply for the Web Developer Specialist Certificate.

PATHWAY TOTAL: 37 SEMESTER CREDIT HOURS