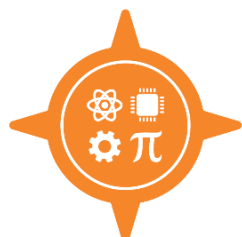# DALLAS COLLEGE

GUIDED PATHWAY: WEB DEVELOPMENT 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 Development 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.

The Web Development Certificate curriculum is designed to provide the skills necessary for an entry-level position as a Web Developer. Emphasis is upon the technical development of websites including networking, database concepts and web authoring using programming languages and software to produce interactive, and dynamic websites and web applications. 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: 17 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: 10

IMED 1416 – Web Design I
ITSE 1303 – Introduction to MySQL
ARTC 1302 – Digital Imaging 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: 7

ITSE 1411 – Beginning Web Programming
IMED 2315 – Web Design II *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 Web Developer Certificate.

PATHWAY TOTAL: 17 SEMESTER CREDIT HOURS