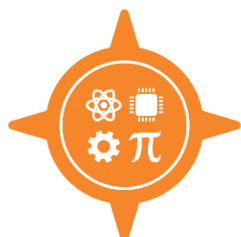# DALLAS COLLEGE

GUIDED PATHWAY: BASIC WEB PRODUCTION CERTIFCATE

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 Web/Internet Services Awards. It does not represent a contract, nor does it guarantee course availability. Following this pathway will help you earn a Basic Web Production 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 will provide education and training for individuals who would like to explore basic techniques of web design in order to use the Internet as a communications medium. This program introduces students to Web Design through basic and advanced web design techniques, introductory web programming, digital imaging for the web, and design principals. It is available on-campus or online. All of the courses in this certificate are applicable to the Associate in Applied Sciences Degree in Web Production and Design. 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: 23 SEMESTER CREDIT HOURS

PREREQUISITE

Basic understanding of personal computers and operating systems as obtained in ITSC 1401 or BCIS 1405 or COSC 1301 and ITSC 1405, and problem solving and logic structures as obtained in ITSE 1429 or equivalent experience approved by designated Information Technology personnel.

SEMESTER 1   Total Hours: 10

ARTC 1302 – Digital Imaging I
IMED 1416 – Web Design I
***CHOOSE ONE*:**   **ARTS 1311 –** Design I *OR*
                HUMANITIES/FINE ARTS **ELECTIVE*** *This is a Core course.*

* There are several options to fulfill this requirement. See your academic advisor for a specific list.

> 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: 13-15

IMED 2311 – Portfolio Development
WEB DESIGN ELECTIVE*
***CHOOSE ONE*:**   **IMED 2415 –** Web Design II *This is the capstone experience for this award.* **OR**

CHOOSE ONE:

ARTC 1359 – Visual Design for New Media *This is the capstone experience for this award.*

ITSE 1411 – Beginning Web Programming *Course covers client-side programming techniques in JavaScript.*

ITSE 2402 – Intermediate Web Programming *Course covers server-side programming techniques. Languages will vary but may include ASP, ASP.NET, PHO or other languages.* **OR**

ITSE 1406 – PHP Programming

*Web Design Elective**: ITSW 1410⁺, ITSW 1307, ITSW 1407, INEW 2334, ITSE 1301, ITSE 1401, ITSE 1491, ARTV 2301, ARTV 1341, ARTV 1351, ARTV 2330, ARTV 2351, ARTC 1359, ITSC 1415**

+ Introduction to Presentation Graphics Software (Local title: Web Multimedia). Course will cover how to develop and integrate graphics, video, sound, and PowerPoint presentations into web pages and web applications.

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 Basic Web Production Certificate.

PATHWAY TOTAL: 23-25 SEMESTER CREDIT HOURS