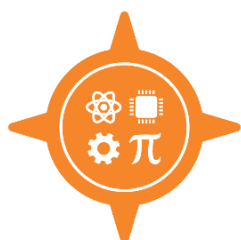


# GUIDED PATHWAY: WEB PRODUCTION AND DESIGN A.A.S.

ENGINEERING, TECHNOLOGY, MATHEMATICS and SCIENCES CAREER PATH



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

This is an example course sequence for students interested in pursuing the Web Production and Design associate degree. It does not represent a contract, nor does it guarantee course availability. Following this pathway will help you earn an Associate of Applied Science (A.A.S.) degree in Web Production and Design. Students must earn at least 25% of the credit hours (15 hours) required for graduation through instruction by Dallas College. See catalog for [official degree requirements](#).

This degree is designed to provide students with technical and artistic skills required to use the web as an interactive communications medium. Students pursuing this degree will learn basic and advanced page design skills, digital imaging techniques suitable for the web, basic client- and server-side programming methods (including form validation and shopping carts), problem-solving skills, interpersonal workgroup skills, and techniques for delivering video and audio over the Internet. **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. Courses that complete the degree, the [Web Development Certificate](#) (WD) and the [Web Production and Design Certificate](#) (WP) are noted below.

Visit the [NTCCC Transfer Consortium](#) to view guided pathways created for students who complete an A.A.S. degree and the options for transfer to complete a Bachelor of Applied Arts and Science. Speak with an academic advisor at your campus to choose courses that will help you to transfer to a specific university.

<b>Catalog Year</b>	2020-2021	You may use this pathway if you entered Dallas College on or before this date.
<b>Degree Type</b>	Associate of Applied Science	
<b>GPA Requirement</b>	Student must earn a GPA of 2.0 or higher	
<b><a href="#">TSI</a></b>	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 degree requirements](#).

### AAS DEGREE MINIMUM: 60 SEMESTER CREDIT HOURS

#### SEMESTER 1 Total Hours: 16

[ENGL 1301](#) – Composition I *This is a Core course. You must earn a grade of "C" or better. (Course also applies to WP)*  
[ARTC 1302](#) – Digital Imaging I *(Course also applies to WD, WP)*  
[IMED 1316](#) – Web Design I *(IMED 1416 also applies to WD, WP)*  
[ITSE 1429](#) – Programming Logic and Design *(Course also applies to WP)*  
[MATHEMATICS 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: 17

[IMED 2449](#) – Internet Server Management *(Course also applies to WP)*  
[ITSE 1411](#) – Beginning Web Programming *Course covers client-side programming techniques in JavaScript. (Course also applies to WD, WP)*

**ELECTIVE – Web Design Elective\***

**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. (Either course also applies to WP)*

**CHOOSE ONE:** [IMED 2315](#) – Web Design II *(Course also applies to WD)* **OR**

[ARTC 1359](#) – Visual Design for New Media *(Either course also applies to WP)*

\*Web Design Elective: ITSE 2302 (covers server-side programming techniques. Languages will vary but may include ASP.NET, PHP, or other languages.), INEW 2334 (covers advanced topics in server-side programming. Languages will vary but may include ASP.NET, PHP, or other languages.), ITSE 1301, ITSE 1391, ARTV 1341, ARTV 2301, ARTV, 2330, ARTV 2351, IMED 1345, IMED 2309, ITSE 1306, ITSE 2310, ARTC 1305, ITSY 1300

**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.

**SEMESTER 3**

**Total Hours: 13**

**[SOCIAL/BEHAVIORAL SCIENCE](#) ELECTIVE\*** *This is a Core course.*

**CHOOSE ONE:** [ITSE 1430](#) – Introduction to C# Programming **OR**

[ITSE 1406](#) – PHP Programming

**CHOOSE ONE:** [IMED 2313](#) – Project Analysis and Design **OR**

[IMED 2311](#) – Portfolio Development *(Either course also applies to WP)*

**CHOOSE ONE:** [ITSW 1307](#) – Introduction to Database *(Course also applies to WP)* **OR**

[ITSE 1303](#) – Introduction to MySQL *(Course also applies to WD, WP)*

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

**SEMESTER 3 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 Development Certificate.

**SEMESTER 4**

**Total Hours: 14**

[INEW 2430](#) – Comprehensive Software Project: Planning and Design *This is the capstone experience for this award.*

**ELECTIVE – Web Design Elective\*** *(Course also applies to WP)*

**[HUMANITIES/FINE ARTS](#) ELECTIVE\*\*** *This is a Core course. (Course also applies to WP)*

**CHOOSE ONE:** [INEW 1440](#) – ASP.NET Programming *(Course also applies to WP)* **OR**

[INEW 2434](#) – Advanced Web Programming

\*Web Design Elective: ITSE 2302 (covers server-side programming techniques. Languages will vary but may include ASP.NET, PHP, or other languages.), INEW 2334 (covers advanced topics in server-side programming. Languages will vary but may include ASP.NET, PHP, or other languages.), ITSE 1301, ITSE 1391, ARTV 1341, ARTV 2301, ARTV, 2330, ARTV 2351, IMED 1345, IMED 2309, ITSE 1306, ITSE 2310, ARTC 1305, ITSY 1300

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

**SEMESTER 4 ACTION ITEMS**

1. After reviewing your degree plan and program of study, meet with your advisor to apply for the Web Production and Design A.A.S.
2. Sign up for Commencement.
3. Join the [Alumni Network!](#)

**PATHWAY TOTAL: 60 SEMESTER CREDIT HOURS**