GUIDED PATHWAY: WEB DESIGN AND DEVELOPMENT CERTIFICATE

CREATIVE ARTS, ENTERTAINMENT, and DESIGN CAREER PATH

For more information, visit the Dallas College Visual Communication webpage [www.dcccd.edu/VisualCom] and your academic advisor at the Brookhaven Campus.

This is an example course sequence for students interested in pursuing the Visual Communications – Web Design and Development Certificate. It does not represent a contract, nor does it guarantee course availability. Following this pathway will help you earn a Web Design and 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 Design and Development Certificate is designed to provide the student with a foundation of the creative, conceptual, technical, interpersonal, and communication skills required for entry-level positions within the web production fields. The complete course of study prepares the student for creative concept development, page design and layout, the preparation of graphics and images, navigation and site architecture, and the technical development of websites. Technical skills prepare students to use (X)HTML, CSS, JavaScript, PHP/ASP and various graphics and web authoring software applications to develop static, interactive and dynamic web sites. Students also learn programming for web server and database systems as well as multimedia development. Courses that complete the certificate are noted below.

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: 46 SEMESTER CREDIT HOURS

SEMESTER 1   Total Hours: 15-18

ARTC 1302 – Digital Imaging I
ARTC 1353 – Computer Illustration
IMED 1316 – Web Design I
ENGL 1301 – Composition I *This is a Core course. You must earn a grade of "C" or better.*
CHOOSE ONE: **ARTS 1311** – Design I *OR*
                   ARTC 1305 – Basic Graphic Design *AND*
                   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: 17

ITSE 1301 – Web Design Tools
IMED 2313 – Project Analysis and Design
IMED 2315 – Web Design II
IMED 2449 – Internet Server Management
ITSE 1411 – Beginning Web Programming

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.
2. Meet with a career advisor or coach for assistance in preparing for job search.

SEMESTER 3   Total Hours: 14-15

INEW 2430 – Comprehensive Software Project: Planning and Design
ITSE 1406 – PHP Programming
ITSE 1303 – Introduction to MySQL
CHOOSE ONE: **IMED 1345** – Interactive Digital Media I ***OR***
                        IMED 2409 – Internet Commerce

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 Design and Development Certificate.

PATHWAY TOTAL: 46-50 SEMESTER CREDIT HOURS