

Web Publishing and Design – AS (Associate GE Track)

+If you have completed coursework at another college and/or are starting in a semester other than a Fall term, please follow up with the Counseling Department to determine if this sequence is appropriate for your academic and career goals.

Program Description:

The Web Publishing and Design degree program is designed to provide students with a strong foundation in front-end web development, web content management, design and publishing. Front-end developers are not involved with programming or scripting competencies but are responsible for the design, look and feel, as well as usability and accessibility of websites. Students will develop proficiency with markup languages, cascading style sheets, web multimedia, content optimization, typography, graphic design, wireframing, prototype design and the entire web development life-cycle process.

The Web Publishing and Design curriculum is a vocational program that reflects the multi-faceted nature of the competencies required to design, develop, and maintain web content. The proposed program is, therefore, interdisciplinary and draws from subjects taught in both CAWT and Graphics and Multimedia Design. In addition to preparing students for entry-level positions or promotion opportunities in the field of web publishing and design, the program provides a foundation for further studies in media studies, web authoring, graphic design and related areas, including web development, web application development and advertising.

Program SLO:

Students will be able to demonstrate proficiency in the core skills and knowledge required for employment in the web publishing and design industry.

Important Transfer Information: The sequence listed below, may not meet all your transfer admissions requirements. Connect with a counselor to develop an individual student education plan through the Counseling Department @ <https://www.canyons.edu/counseling> or (661) 362-3288/(661) 362-3811.

Major courses are sequenced and **BOLDED** based on recommendations by [Computer Applications and Web Technologies Department](#).

First Semester (1.5-14.5 units minimum) FA = Fall; WI = Winter; SP = Spring; SU = Summer

| Course | Title | Units | Major and GE Courses |
|--------------------|--|------------------|----------------------|
| CAWT 074 | Intro to Photoshop (FA, SP) | 1.5 | Major |
| CAWT 170 | Web Development I (FA, SP) | 3 | Major |
| GMD 144 | Graphic Design I (FA, SP) | 3 | Major |
| ENGLISH 101/101H | English Composition (FA, WI, SP, SU) | 4 | Area Di |
| Math Competency | Choose one course from the AA GE Area 3 (FA, WI, SP, SU) | 3-5 | Area 3 and Dii |
| Term Total: | | 14.5-16.6 | |

Check the [Honors](#) website for most recent course offerings. Must be enrolled in the Honors program to take courses, see below.

Second Semester (15.5-29.5 units minimum)

| Course | Title | Units | Major and GE Courses |
|-------------------------------|---|-----------|-----------------------|
| CAWT 171 | Web Development II (SP) | 3 | Major |
| GMD 145 | Type and Typography (FA, SP) | 3 | Major |
| Group 1 Course | Choose 1 class from Group 1 (FA, WI, SP, SU) – see table below | 3 | Major Elective |
| *Social Science and Diversity | Choose one course from the AA GE Area B (FA, WI, SP, SU) | 3 | Area B and Diversity |
| Natural Science | Choose once course from the AA GE Area A (FA, WI, SP, SU) | 3 | Area A |
| Term Total: | | 15 | |

Take a social science general education course GE Area B with an () indication on the [Associate Degree Requirements Checklist](#). Courses with an (*) will also meet the GE Diversity Requirement. Refer to the Associate Degree Checklist for details.

Interession II (30.5-34 units minimum)

| Course | Title | Units | Major and GE Courses |
|----------|---------------------------------|--------------------|----------------------|
| CAWT 174 | Web Prototyping and Images (SU) | 3 | Major |
| CAWT 082 | Adobe Acrobat (SU) | 1.5 | Major |
| | | Term Total: | 4.5 |

Third Semester (35-46 units minimum)

| Course | Title | Units | Major and GE Courses |
|---|--|--------------------|-----------------------|
| CAWT 173 | Web Development: Dreamweaver (FA) | 3 | Major |
| GMD 177 | Web Page Design (FA, SU) | 3 | Major |
| Group 1 Course | Choose 1 class from Group 1 (FA, WI, SP, SU) – see table below | 3 | Major Elective |
| American Institutions – Choose Option I or II | Complete first course in chosen option – (note: must take both classes within one option) (FA, WI, SP, SU) – see table below | 3 | American Institutions |
| | | Term Total: | 12 |

Interession II (47-49 units minimum)

| Course | Title | Units | Major and GE Courses |
|----------------|--|--------------------|----------------------|
| Group 1 Course | Choose 1 class from Group 1 (FA, WI, SP, SU) – see table below | 3 | Major Elective |
| | | Term Total: | 3 |

Fourth Semester (50-60.5 units minimum)

| Course | Title | Units | Major and GE Courses |
|--|--|--------------------|-----------------------|
| CAWT 076 | Intro to WordPress (FA, SP) | 1.5 | Major Course |
| Group 1 Course <i>Department Recommends Internship Experience: *CWE 186 CAWT or *CWE 188 CAWT</i> | Choose 1 class from Group 1 (FA, WI, SP, SU) – see table below - <i>Department HIGHLY Recommends Cooperative Work Experience Education (FA WI, SP, SU)</i> | 1-4 | Major Elective |
| American Institutions | Complete second course in chosen option – (note: must take both classes within one option) – see table below | 3 | American Institutions |
| Arts Course | Choose one course from the AA GE Area C (FA, WI, SP, SU) | 3 | Area C |
| PE/Wellness | Take a three unit Health Science 100, 150, or 243 (FA, WI, SP, SU) | 3 | Area F |
| | | Term Total: | 11.5-14.5 |

*Visit the [Internship Website](#) to learn more about internship opportunities and to register with JobSpeaker, the job and internship database.

Total Units: 60.5+

Group 1: Select ten units from the following:

| | | |
|-------------|--|-----|
| CAWT 115 | Business English (WI, SU) | 3 |
| CAWT 116 | Business Communication (FA, WI, SP, SU) | 3 |
| CAWT 160 | Microsoft Access I (WI,SP) | 3 |
| CAWT 161 | Microsoft Access II (SU) | 3 |
| NETECH 151 | Introduction to Network (FA) | 3.5 |
| CMPSCI 111 | Introduction to Algorithms and Programming/Java (FA, SP, SU) | 3 |
| CMPSCI 111L | Introduction to Algorithms and Programming/Java Lab (FA, SP, SU) | 1 |
| CMPSCI 132 | Introduction to Programming | 3 |
| CMPSCI 190 | Web Programming: Javascript (FA, SP, SU) | 3 |
| CMPSCI 192 | PHP Programming (FA, SP) | 3 |
| CMPSCI 235 | C Programming (FA) | 3 |

| | | |
|--------------------|--|------------|
| CMPSCI 236 | C++ Object Oriented Programming (FA, WI, SP, SU) <i>CMPSCI 235 is a pre-requisite</i> | 3 |
| GMD 101 | Introduction to Visual Communication (FA, SP) | 3 |
| MEA 109 | Story Development and Storyboarding (FA, SP) | 3 |
| MEA 110 | Writing for Multimedia Journalism (FA, SP) | 3 |
| BUS 190 | Principles of Electronic Commerce (FA, SP) | 3 |
| BUS 192 | E-Business Strategy (FA, SP) | 3 |
| CWE 186CAWT | Cooperative Work Experience Education (Unpaid) (FA, WI, SP, SU) | 1-4 |
| CWE 188CAWT | Cooperative Work Experience Education (Paid) (FA, WI, SP, SU) | 1-4 |

American Institutions Requirement – Select one of the options below and complete a total of 6 units

| Course Number | Title |
|----------------------|--|
| Option I | One course from the following: Economics 170/170H, History 111/111H, History 112/112H, History 120/120H, or History 130 AND Political Science 150/150H (FA, WI, SP, SU) |
| Option II | History 111/111H AND History 112/112H (FA, WI, SP, SU) |

Counseling Resources

Computer Applications and Web Technologies Department:

<https://www.canyons.edu/academics/computerapplications/index.php>

Counseling Department: <https://www.canyons.edu/student-services/counseling/>

Associate General Education Guide: <https://www.canyons.edu/student-services/counseling/degrees/generated.php>

Internship Program: <https://www.canyons.edu/student-services/internships/index.php>

COC Honors Program: <https://www.canyons.edu/academics/honors/index.php>

Campus Alliances: <https://www.canyons.edu/administration/ie2/equity/alliances.php>

Petition for Associate Degree: Check the [student calendar](#) for term-specific submission deadlines. Summer graduation associate degree petitions are due by April 1st for your name to appear in the spring commencement pamphlet. The petition form must be reviewed with a counselor and may be found here:

https://www.canyons.edu/resources/documents/student-services/admissions/Petition_for_Associate_Degree_and_Certificate_of_Achievement.pdf

Career Resources

Computer Web Development & Design Career Tree:

<https://www.canyons.edu/academics/computerapplications/careertree/careertree-cawt-web-development.php>

California Career Zone: <https://www.cacareerzone.org/>

O*Net Online: <https://www.onetonline.org/>

Bureau of Labor and Statistics: www.bls.gov

Professional Associations:

Web Professionals: <https://webprofessionals.org/>

HTML Writers Guild: <http://hwg.org/>