Associate in Science Degree: Web Publishing and Design

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.

Degree Student Learning Outcome:

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

Program Requirements:

Units Required: 35.5

		Units:
CAWT-074	Introduction to Photoshop - Brief	1.5
CAWT-076	Introduction to WordPress	1.5
CAWT-082	Adobe Acrobat	1.5
CAWT-170	Website Development I	3.0
CAWT-171	Website Development II	3.0
CAWT-173	Web Development: Dreamweaver	3.0
CAWT-174	Web Prototyping and Images	3.0
GMD-144	Graphic Design I	3.0
GMD-145	Type and Typography	3.0
GMD-177	Web page Design I	3.0

Plus ten units from the following:

CAWT-115	Business English	3.0
CAWT-116	Business Communications	3.0
CAWT-160	Microsoft Access I	3.0
CAWT-161	Microsoft Access II	3.0
CMPSCI-111	Introduction to Algorithms and Programming/Java	3.0
CMPSCI-111L	Introduction to Algorithms and Programming Lab	3.0
CMPSCI-132	Introduction to Programming	3.0
CMPSCI-190	Web Programming: JavaScript	3.0
CMPSCI-192	PHP Programming	3.0
CMPSCI-235	'C' Programming	3.0
CMPSCI-236	C++ Object Oriented Programming	3.0

GMD-101	Introduction to Visual Communication	3.0
MEA-109	Story Development and Storyboarding	3.0
MEA-110	Writing for Multimedia Journalism	3.0
NETECH-151	CCNA R&S: Introduction to Networks	3.0
BUS-190	Principles of Electronic Commerce	3.0
BUS-192	E-Business Strategy	3.0
WE-186CAWT	Work Experience Education Computer Applications and Web Technologies	1.0 – 4.0