

Web Content Developer Concentration (9251)

Associate of Applied Business Degree

This program provides students with skills necessary to understand, use, and develop Internet services and resources. In addition, the program will help students become web developers who are responsible for the look and technical aspects of a web site. Students will create content-rich sites that use various forms of media as well as basic interactive programming techniques. Projects will emphasize business, home-office, and personal applications. According to the U.S. Bureau of Labor Statistics, the employment of web developers is projected to grow 15 percent through 2026, much faster than the average for all occupations. The typical education needed to become a web developer is an associate degree; however, students have the option to continue their education by enrolling in four-year programs at local universities.

NOTE: Students must fulfill the following requirements for this program:

Successfully complete the CIS Tech Prep program **OR** have waived with equivalent high school or college coursework the following course:











ITIS 1005 Computer Essentials or ITIS 1007 Principles of Information Technology and Computer Science




OR

Complete ITIS 1005 Computer Essentials or ITIS 1007 Principles of Information Technology and Computer Science with a grade of "C" or better

NOTE: Students who are interested in additional skills should also consider: ITCS 2105 Web Programming II, ITCS 2170 Introduction to ASP.NET, ITDB 1405 Oracle PL/SQL Programming, and ITON 1748 Linux Administration I. Students may need to complete additional prerequisite courses.

NOTE: Students planning to transfer to a four-year college are encouraged to take ENGL 1120 English Composition II in addition to the following requirements.


Course	Title	Credit Hours
First Semester		
BUSM 1300	Introduction to Business	3
ENGL 1110 or ENGL 1111	English Composition I (A) ¹ or English Composition I (B)	3
FYEX 1000	First Year Experience	1
ITCS 1010	Programming Logic 	3
ITIS 1102	Internet: Services, Tools, and Web Based Design 	3
ITON 1011	Comparative Analysis of Microcomputer Operating Systems 	2
	Credit Hours	15
Second Semester		
BUSM 2400	Business Communication	3
ECON 2600	Principles of Microeconomics	3
GRDS 1800	Introduction to User Experience Design 	3
ITCS 1105	Web Programming I 	3
ITCS 1820	Java Programming I 	3
	Credit Hours	15
Third Semester		
BUSM 2500	Principles of Marketing	3
ITCS 2120	JavaScript Programming I 	3
ITDB 1400	Introduction to SQL 	2
ITIS 1108	Using an HTML Editor 	2
PHOT 2300	Introduction to Digital Photo Imaging 	3
Select course(s) from the Natural Sciences Electives list		3
	Credit Hours	16
Fourth Semester		
BUSM 2550	Direct and Internet Marketing ²	3

ITIS 1008	Ethics in Information Technology 	1
ITIS 2890	Information Technology and Computer Science Capstone 	2
MATH 1600	Survey of College Mathematics ³	3
PEHR 1650	Health Fitness	2
Select course(s) from the Arts and Humanities Electives list		3
Select course(s) from the Technical Electives list 		3
Credit Hours		17
Total Credit Hours		63














¹ English course selection is based on placement test results (ENGL 1111 English Composition I (B) is 4 credits, only 3 credits apply to the degree).

² Students may substitute BUSM 2520 Marketing of Services, BUSM 2530 Advertising, or BUSM 2560 International Marketing for BUSM 2550 Direct and Internet Marketing.

³ Students planning to transfer to a four-year college should take a sequence of math as advised by their counselor.

 This course is designated as a technical course in the program. Students must earn a "C" grade or higher in the course to fulfill the college's graduation requirements policy.

Electives

Course	Title	Credit Hours
Technical Electives		
GRDS 1010	Visual Organization 	3
GRDS 1015	Introduction to Typography 	3
GRDS 1020	Graphic Design 	3
ITCS 2105	Web Programming II 	3
ITCS 2170	Introduction to ASP.NET 	2
ITCS 2820	Java/Android Programming II 	3
ITDB 1405	Oracle PL/SQL Programming 	2
ITIS 1030	Security Awareness 	1
ITIS 1115	Internet Technologies and Concepts 	2
ITIS 1530	Microsoft Office Access: Skills and Techniques 	3
ITON 1070	Operating Systems: Skills and Techniques	1
ITON 1205	Network+ and Networking Essentials 	2
PHOT 1105	Basic Photography - Digital 	3
PHOT 2350	Advanced Digital Photo Imaging 	3
Natural Sciences		
CHEM 1050	Chemistry in the Everyday World	3
PSCI 1300	Earth Science	3
PSCI 1400	Introduction to Meteorology	3
Any other Natural Sciences laboratory course included in the Transfer Module		
Arts and Humanities		
ARTS 1120	Art Appreciation	3
ARTS 2220	Survey of Art I	3
ARTS 2230	Survey of Art II	3
ENGL 2250	Survey of American Literature I	3
ENGL 2260	Survey of American Literature II	3
ENGL 2280	Survey of British Literature I	3
ENGL 2290	Survey of British Literature II	3
HUMX 1100	Introduction to Humanities	3
HUMX 1200	The American Experience in the Arts	3
MUSC 1200	Music Appreciation	3
MUSC 1215	World Music	3
MUSC 1800	Popular Music: Rock, Jazz, Country, and Hip-Hop	3

		3
MUSC 2200	Music History and Literature I	3
MUSC 2250	Music History and Literature II	3
PHIL 1500	Introduction to Philosophy	3
PHIL 2000	Comparative Religion	3
PHOT 1000	History of Photography	3