

WEB DESIGN ITC

This certificate prepares students with the skills necessary for working in the field of web design and management. Course work includes applying web technology standards into web and application development projects. Successful students will be able to work in development teams and communicate in the web design and development industry. This certificate also prepares students to continue their education to earn an AAS or BAS degree in Web Design and Development.

Upon completion of the Web Design certificate, students will:

- Understand the roles of web design and web development.
- Demonstrate ability to administer web sites and domains.
- Demonstrate working knowledge of the differences between internet browsers.
- Demonstrate working knowledge of contemporary, standard driven, HTML and CSS.
- Demonstrate working knowledge of JavaScript along with popular js libraries and frameworks.
- Work and communicate effectively in a virtual as well as face-to-face team environment.
- Demonstrate working knowledge of web-based graphic design, photo editing, and design layout.
- Understand contemporary technologies and emerging technology patterns.
- Understand the role of social networks, ad-campaigns, and search engine optimization and technologies.

General Education Requirements

Code	Title	Credits
Oral Communication		
Select one of the following:		3.00
COMM-101	FUNDAMENTALS OF ORAL COMMUNICATION	
COMM-203	SMALL GROUP COMMUNICATION	
COMM-204	PUBLIC SPEAKING	
Mathematical Ways of Knowing		
Select one of the following:		3.00
CS-108	INTRODUCTION TO COMPUTER SCIENCE	
MATH-123	MATH IN MODERN SOCIETY	
MATH-130	FINITE MATHEMATICS	
MATH-137	ALGEBRA, TRIG AND STAT WITH APPLICATION	
MATH-140	ALGEBRAIC REASONING AND PROBLEM-SOLVING	
MATH-143	PRECALCULUS I: ALGEBRA	
MATH-147	PRECALCULUS	
MATH-153	STATISTICAL REASONING	
MATH-160	BRIEF CALCULUS	
MATH-170	CALCULUS I	
MATH-254	STATISTICAL METHODS	
MATH-257	MATHEMATICS FOR ELEMENTARY TEACHERS II	
MTHPT-130	FINITE MATHEMATICS	
MTHPT-137	MATH FOR TECHNOLOGY	
MTHPT-153	STATISTICAL REASONING	
Social & Behavioral Ways of Knowing		
Select one of the following:		3.00
ANTH-102	CULTURAL ANTHROPOLOGY	
ANTH-120	WORLD PREHISTORY	
ANTH-170	INTRODUCTION TO NATIVE AMERICAN STUDIES	
ECON-201	PRINCIPLES OF MACROECONOMICS	
ECON-202	PRINCIPLES OF MICROECONOMICS	
GEOG-102	INTRODUCTION TO GEOGRAPHY	
HIST-101	WORLD HISTORY I	
HIST-102	WORLD HISTORY II	

HIST-111	UNITED STATES HISTORY I
HIST-112	UNITED STATES HISTORY II
HRPT-184	DIVERSITY IN ORGANIZATIONS
HRPT-185	HUMAN RELATIONS IN ORGANIZATIONS
POLS-101	AMERICAN NATIONAL GOVERNMENT
POLS-237	INTERNATIONAL POLITICS
POLS-285	COMPARATIVE GOVERNMENT
PSYC-101	INTRODUCTION TO GENERAL PSYCHOLOGY
PSYC-205	LIFESPAN DEVELOPMENTAL PSYCHOLOGY
SOC-101	INTRODUCTION TO SOCIOLOGY
SOC-102	SOCIAL PROBLEMS
SS-184	DIVERSITY IN ORGANIZATIONS
SS-185	HUMAN RELATIONS IN ORGANIZATIONS

Total Credits	9.00
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Program Requirements

Code	Title	Credits
WEB-111	FOUNDATIONS OF WEB DEVELOPMENT	3.00
WEB-112	FUND OF PROG: JAVASCRIPT	3.00
WEB-117	WEB DESIGN FUNDAMENTALS	3.00
WEB-180	PORTFOLIO DESIGN	3.00
WEB-217	ADVANCED WEB DESIGN	3.00
WEB-265	IMAGE EDIT & ILLUSTRATION	3.00
WEB-275	WEB AUTHORING	3.00

Total Credits	21.00
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