

COMPUTER TECHNOLOGIES

WEB DEVELOPER

Web Developer Degree – A25590WD

-Online

The Web Technologies curriculum prepares graduates for careers in the information technology field using computers to disseminate and collect information via the web.

Course work in this program covers web design, web scripting and markup, databases, web programming, e-commerce, web content management systems as well as mobile applications development and UI/UX. Studies can provide opportunity for students to learn using industry standard software and technologies.

Graduates could qualify for career opportunities as designers, programmers, or developers in the areas of web development, web design, web services, mobile application development and other related areas.

Program Sequence

FIRST SEMESTER

WEB 110	Internet/Web Fundamentals.....	3
WEB 140	Web Development Tools.....	3
CIS 115	Intro to Prog & Logic.....	3
CTI 110	Web, Pgm and DB Foundation.....	3
CTI 120	Networking & Security Foundation.....	3

SECOND SEMESTER

WEB 210	Web Design.....	3
WEB 115	Web Markup and Scripting.....	3
WEB 125	Mobile Web Design.....	3
CTS 115	Information Sy Business Concepts.....	3
WEB 141	Mobile Interface Design.....	3

FIRST SUMMER SEMESTER

ENG 111	Writing and Inquiry.....	3
WEB 215	Advanced Markup and Scripting.....	3
DBA 110	Database Concepts.....	3

THIRD SEMESTER

WEB 182	PHP Programming.....	3
_____	COM 120 or COM 231.....	3
WEB 180	Active Server Pages.....	3
WEB 250	Database Driven Websites.....	3
_____	ECO 251 or ECO 252.....	3

FOURTH SEMESTER

WEB 225	Content Management Systems.....	3
WEB 287	Web E-Portfolio.....	2
WEB 213	Internet Mkt & Analytics.....	3
_____	WEB 260 or WBL 112.....	2

SECOND SUMMER SEMESTER

_____	MAT 110, 121, 143, 152 or 171.....	3
_____	HUM 110 or HUM 115 or PHI 240.....	3

Graduation Requirements..... 70 Credit Hours

Web Developer Certificate - C25590WD

- Online

This certificate may prepare students to develop web sites using industry standard scripting and programming. Students can learn HTML, CSS, PHP, JavaScript, ASP.Net and CMS skills.

WEB 110	Internet/Web Fundamentals.....	3
WEB 115	Web Markup and Scripting.....	3
WEB 180	Active Server Pages.....	3
WEB 182	PHP Programming.....	3

WEB 215	Adv Markup and Scripting.....	3
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Graduation Requirements..... 15 Credit Hours

Advanced Web Developer Certificate - C25590AD

-Online

This certificate teaches advanced Web Developer concepts.

DBA 110	Database Concepts.....	3
WEB 213	Internet Marketing and Analysis.....	3
WEB 225	Content Management Systems.....	3
WEB 250	Database Driven Websites.....	3
WEB 260	E-Commerce Infrastructure.....	3

Graduation Requirements..... 15 Credit Hours

Front-End Developer Certificate - C25590DV

-Online

This certificate teaches basic front-end development concepts.

WEB 125	Mobile Web Design.....	3
WEB 140	Web Development Tools.....	3
WEB 210	Web Design.....	3
WEB 287	Web E-Portfolio.....	2
_____	Web 141 or DME 210.....	3

Graduation Requirements..... 14 Credit Hours

Web Development Basics Certificate - C25590WB

-Online

This certificate teaches basic web technology concepts for beginning web designers and developers.

CIS 115	Intro to Prog & Logic.....	3
CTI 110	Web, Pgm, and DB Foundations.....	3
WEB 110	Internet/Web Fundamentals.....	3
WEB 115	Web Markup and Scripting.....	3
WEB 140	Web Development Tools.....	3

Graduation Requirements..... 15 Credit Hours