

INFORMATION TECHNOLOGY

WEB DESIGNER

Web Designer Degree – A25590DM

-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.

Prepares graduates to design, develop and maintain professional, high-quality websites, create digital media and integrate web technologies to support an organization's needs.

Program Sequence

FALL SEMESTER

| | | |
|---------|-----------------------------------|---|
| CTI 110 | Web, Pgm, and DB Foundation | 3 |
| DME 115 | Graphic Design Tools..... | 3 |
| GRD 141 | Graphic Design I | 4 |
| WEB 110 | Internet / Web Fundamentals..... | 3 |
| WEB 140 | Web Development Tools..... | 3 |

SPRING SEMESTER

| | | |
|---------|--|---|
| WEB 210 | Web Design..... | 3 |
| CTS 115 | Information Sy Business Concepts | 3 |
| DME 140 | Intro to Audio / Video Media..... | 3 |
| WEB 115 | Web Markup and Scripting..... | 3 |
| — — | Math Elective..... | 3 |

SUMMER SEMESTER

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|---------|------------------------------------|---|
| ENG 111 | Writing and Inquiry | 3 |
| WEB 214 | Social Media..... | 3 |
| WEB 215 | Adv Web Markup and Scripting | 3 |

FALL SEMESTER

| | | |
|---------|---|---|
| WEB 125 | Mobile Web Design | 3 |
| GRD 240 | User Interface / User Experience | 3 |
| WEB 182 | PHP Programming | 3 |
| — — | Social and Behavioral Sciences Elective | 3 |
| — — | Humanities and Fine Arts Elective | 3 |

SPRING SEMESTER

| | | |
|---------|--|---|
| WEB 287 | Web E-Portfolio | 2 |
| CTI 120 | Network & Sec Foundation | 3 |
| WEB 213 | Internet Mkt & Analysis | 3 |
| — — | English & Communication Elective | 3 |
| — — | Major Elective..... | 1 |

Graduation Requirements..... 67 Credit Hours

General Electives

English and Communication Electives

(Choose 3 credit Hrs)

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|---------|--|---|
| ENG 112 | Writing and Research in the Disciplines..... | 3 |
| COM 231 | Public Speaking | 3 |

Humanities and Fine Arts Electives

(Choose 3 credit Hrs)

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|---------|-----------------------------|---|
| HUM 110 | Technology and Society..... | 3 |
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| HUM 115 | Critical Thinking..... | 3 |
| PHI 240 | Introduction to Ethics | 3 |

Mathematics Electives

(Choose 3 credit Hrs)

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|---------|-----------------------------------|---|
| MAT 110 | Math Measurement & Literacy | 3 |
| MAT 121 | Algebra/Trigonometry I..... | 3 |
| MAT 143 | Quantitative Literacy..... | 3 |
| MAT 152 | Statistical Methods I | 4 |
| MAT 171 | Precalculus Trigonometry..... | 4 |
| MAT 172 | Precalculus Trigonometry..... | 4 |
| MAT 271 | Calculus I..... | 4 |

Social and Behavioral Sciences Electives

(Choose 3 credit Hrs)

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|---------|------------------------------------|---|
| ECO 251 | Principles of Microeconomics | 3 |
| POL 120 | American Government | 3 |
| PSY 150 | General Psychology | 3 |
| SOC 210 | Introduction to Sociology | 3 |

Major Electives

(Choose 1 credit Hrs)

| | | |
|---------|------------------------------------|---|
| DME 215 | Advanced Graphic Design Tools..... | 3 |
| WBL 111 | Work Based Learning I..... | 1 |
| WBL 112 | Work Based Learning I..... | 2 |
| WBL 113 | Work Based Learning I..... | 3 |
| WBL 121 | Work Based Learning II..... | 1 |
| WBL 122 | Work Based Learning II..... | 2 |
| WBL 123 | Work Based Learning II..... | 3 |

*Work-Based Learning is an elective. WBL courses completed for one program may not count toward the completion of another program. Contact your academic advisor or WBL faculty coordinator for verification. Students must have approval from the department head and pre-register with the Computer Technologies Division office. The Work-Based Learning work period may be taken as WBL 112, over two semesters as WBL-111 and WBL-112 or over one semester as WBL-113.

Web Designer Certificate - C25590DM

- Online

Using industry standard technologies to design and develop basic full and mobile web sites.

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|---------|---------------------------------|---|
| DME 115 | Graphic Design Tools | 3 |
| WEB 110 | Internet/Web Fundamentals | 3 |
| WEB 125 | Mobile Web Design | 3 |
| WEB 140 | Web Development Tools | 3 |
| WEB 210 | Web Design | 3 |

Graduation Requirements..... 15 Credit Hours

Advanced Web Designer Certificate – C25590AW

- Online

This program builds upon the Web Developer certificate with more advanced web programming and eCommerce development skills.

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|---------|--------------------------------------|---|
| DME 140 | Intro to Audio/Video Media | 3 |
| DME 215 | Advanced Graphic Design Tools | 3 |
| WEB 214 | Social Media | 3 |
| WEB 287 | Web E-Portfolio | 2 |
| GRD 240 | User Interface/User Experience | 3 |

Graduation Requirements..... 14 Credit Hours

INFORMATION TECHNOLOGY

Front-End Developer Certificate - C25590DV

–Online

This certificate teaches basic front-end development concepts.

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|---------|-------------------------------------|---|
| WEB 125 | Mobile Web Design..... | 3 |
| WEB 140 | Web Development Tools..... | 3 |
| WEB 210 | Web Design..... | 3 |
| WEB 287 | Web E-Portfolio..... | 2 |
| GRD 240 | User Interface/User Experience..... | 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.

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|---------|-----------------------------------|---|
| 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 |
| WEB 210 | Web Design..... | 3 |

Graduation Requirements 15 Credit Hours