



WEB DEVELOPMENT AND GRAPHIC DESIGN



Career Majors with Required and Recommended Courses

Each Career Major offered in the Web Development and Graphic Design program is listed below. Courses listed under the Required Courses section for each career major are mandatory by the Oklahoma Department of Career and Technology Education (ODCTE) guidelines. Courses listed under the Recommended Courses section are recommended for career employment and/or college credit opportunities.

Web Designer Career Major	OCAS Code	College Hrs
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<i>Required Courses:</i>		
WEB120A Business, Management, & Info Tech. Core	8431/8461	6
WEB140A Fundamentals of Web Design	8463	3
WEB150A Image Management Techniques	8464	3
WEB160A Design Tools & Electronic Marketing	8465	
WEB170A Digital Animation		
WEB180A Marketing Concepts		
WEB190A Interactive Media Capstone	8468	6
<i>Recommended Courses:</i>		
WEB130A Employability Skills		3
WEB200A Advanced Design Techniques	8466	6
WEB220A Web Scripting Foundations	8472	6
WEB270A Server-Side Scripting		6
WEB260A E-Commerce Concepts		6
WEB230A Internet Programming		6

Completing all required and recommended elective courses would fulfill requirements for the technical courses for an A.A.S. Degree in Information Technology Web Development Option for the Technical Occupational Specialty with a Site Design Focus from Northern Oklahoma College (NOC). Students would need to complete general education courses from NOC to complete all degree requirements.

Web Producer Career Major	OCAS Code	College Hrs
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(Prerequisite of Web Designer)		
<i>Required Courses:</i>		
WEB200A Advanced Design Techniques	8466	6
WEB210A Advanced Digital Animation	8467	6
WEB190A Interactive Media Capstone	8468	6
<i>Recommended Electives:</i>		
WEB130A Employability Skills		3
WEB220A Web Scripting Foundations	8472	6
WEB270A Server-Side Scripting		6
WEB260A E-Commerce Concepts		6
WEB230A Internet Programming		6

Prerequisite Courses:

WEB140A Fundamentals of Web Design	8463	3
WEB150A Image Management Techniques	8464	3
WEB120A Business, Management, & Info Tech Core	8431/8461	6

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Webmaster Career Major	OCAS Code	College Hrs
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(Prerequisite of Web Designer)

Required Courses:

WEB200A Advanced Design Techniques	8466	6
WEB220A Web Scripting Foundations	8472	6
WEB250A Database Design & Programming	8473	6
WEB190A Interactive Media Capstone	8468	6

Recommended Electives:

WEB130A Employability Skills		3
WEB240A Database Essentials		6
WEB230A Internet Programming		6

Prerequisite Courses:

WEB140A Fundamentals of Web Design	8463	3
WEB150A Image Management Techniques	8464	3
WEB120A Business, Management, & Info Tech Core	8431/8461	6

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E-Business Specialist Career Major	OCAS Code	College Hrs
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Required Courses:

WEB120A Business, Management, & Info Tech. Core	8431/8461	6
WEB140A Fundamentals of Web Design	8463	3
WEB160A Design Tools & Electronic Marketing	8465	
WEB170A Digital Animation		
WEB180A Marketing Concepts		
WEB220A Web Scripting Foundations	8472	6
WEB290A E-Commerce Site Production	8474	3

Recommended Electives:

WEB130A Employability Skills		3
WEB150A Image Management Techniques	8464	3
WEB200A Advanced Design Techniques	8466	6
WEB270A Server-Side Scripting		6
WEB260A E-Commerce Concepts		6
WEB230A Internet Programming		6

Completing all required and recommended elective courses would fulfill requirements for the technical courses for an A.A.S. Degree in Information Technology Web Development Option for the Technical Occupational Specialty with a Site Design Focus from Northern Oklahoma College (NOC). Students would need to complete general education courses from NOC to complete all degree requirements.

E-Commerce Designer Career Major	OCAS Code	College Hrs
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(Prerequisite of E-Business Specialist)

Required Courses:

WEB200A Advanced Design Techniques	8466	6
WEB250A Database Design & Programming	8473	6
WEB290A E-Commerce Site Production	8474	3

Recommended Electives:

WEB130A Employability Skills		3
WEB150A Image Management Techniques	8464	3
WEB190A Interactive Media Capstone	8468	6
WEB270A Server-Side Scripting		6
WEB260A E-Commerce Concepts		6
WEB230A Internet Programming		6
WEB240A Database Essentials		6
WEB280A Web Applications Development		6

Prerequisite Courses:

WEB120A Business, Management, & Info Tech Core	8431/8461	6
WEB140A Fundamentals of Web Design	8463	3

WEB160A Design Tools & Electronic Marketing 8465
 WEB170A Digital Animation
 WEB180A Marketing Concepts

WEB220A Web Scripting Foundations 8472 6

Completing all required and recommended elective courses would fulfill requirements for the technical courses for an A.A.S. Degree in Information Technology Web Development Option for the Technical Occupational Specialty with a Site Design Focus and Programming Focus from Northern Oklahoma College (NOC). Students would need to complete general education courses from NOC to complete all degree requirements.

Desktop Publisher/Graphic Design Career Major	OCAS Code	College Hrs
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Required Courses:

WEB120A Business, Management, & Info Tech. Core	8431/8461	6
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WEB300A Desktop Publishing & Graphic Design	8469	3
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WEB150A Image Management Techniques	8464	3
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WEB310A Digital Editing & Production Photography	8471	3
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WEB320A Graphic Design or Desktop Publishing Capstone	3	
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Recommended Electives:

WEB130A Employability Skills		3
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WEB140A Fundamentals of Web Design	8463	3
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WEB200A Advanced Design Techniques	8466	6
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WEB190A Interactive Media Capstone	8468	6
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WEB330A Advanced Web Graphics		6
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WEB210A Advanced Digital Animation	8467	6
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WEB340A Digital Video		6
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