

Information Technology: Web & Digital Communications



Career Pathway Plan of Study: Digital Media/Web Designer

Average Salary
\$65k - \$90K

Career Track Description: Web design has an important impact on business from branding to sales. This high-demand career is expected to grow by 27% by the year 2024.

Education Levels	Grade	Career and Technical Courses for Web & Digital Communications Pathway	eDL Course Recommended Elective Options	eDL Course Options For English, Science and Social Studies
Secondary	9	<ul style="list-style-type: none"> Principles of Information Technology 1a: Introduction Principles of Information Technology 1b: Working with Computers 	<ul style="list-style-type: none"> Workplace and Internship Readiness Social Media: Our Connected World 	<ul style="list-style-type: none"> Anatomy and Physiology 1a: Introduction Anatomy and Physiology 1b: Discovering Form and Function
	10	<ul style="list-style-type: none"> Digital Media Fundamentals 1a: Introduction Digital Media Fundamentals 1b: Producing for the Web 	<ul style="list-style-type: none"> Personal Psychology: The Road to Self-Discovery Personal Psychology: Living in a Complex World 	<ul style="list-style-type: none"> Marine Science: Secrets of the Blue Introduction to Renewable Technologies
	11	<ul style="list-style-type: none"> Digital Media Web Design 2a: Build a Portfolio Website Digital Media Web Design 2b: Build an eCommerce Website 	<ul style="list-style-type: none"> Public Speaking 1a: Introduction Public Speaking 1b: Finding Your Voice 	<ul style="list-style-type: none"> Astronomy 1a: Introduction Astronomy 1b: Exploring the Universe
	12	<p>Optional Course Options:</p> <ul style="list-style-type: none"> Animation 1a: Introduction Animation 1b: Animating Your Creativity 	<ul style="list-style-type: none"> Microsoft PowerPoint Microsoft Word Microsoft Excel 	<ul style="list-style-type: none"> Creative Writing: Unleashing the Core of Your Imagination Introduction to Programming 1a: Introduction Introduction to Programming 1b: Problem Solving Through Programming
		*Courses with an "a" and "b" version are each a semester in length and taught together over the course of one year.	*All courses listed above are options appropriate for grades 9-12	*All courses listed above are options appropriate for grades 9-12

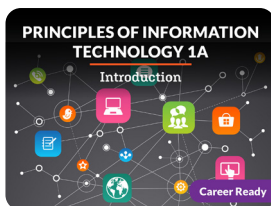
Middle School Course Recommendation:
 Middle School Exploring IT
 Middle School Digital Art and Design

 **Industry Certifications** 

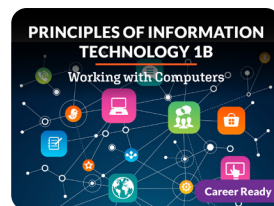
- iC3 Computing Fundamentals (mid pathway)
- iC3 Living Online (mid pathway)
- iC3 Key Applications (mid pathway)
- CompTIA IT Fundamentals (ITF+) (mid pathway)

- CIW Site Development Associate
- CIW Web Design Specialist
- ICT Web Design Essentials
- NOCTI Interactive Media (Pathway Assessment)

Course Descriptions



Explore a range of concepts to gain the foundational knowledge you'll need to start exploring careers in this field to find out which ones suit your interests and abilities. [LEARN MORE >](#)



Starting with an overview of programming, algorithms, and compilers, you'll then learn the basics of web page design and creating graphics. [LEARN MORE >](#)



Discover your talent for building digital media applications using text, graphics, animations, sounds, videos, and more! [LEARN MORE >](#)



Let's polish your digital media skills and help you learn all about web design. Incorporate your creative ideas into websites and discover the basics of marketing to understand how your work can be used effectively. [LEARN MORE >](#)



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Develop your story by exploring design, the 12 principles of animation, creating a storyboard, and leveraging the tools of the trade. [LEARN MORE >](#)



Discover 3D modeling and animation of characters. Explore the basics of human anatomy and form to apply rigging, joints, and texture. Examine rendering and lighting effects and how to apply sound. [LEARN MORE >](#)



Discover how to build a well-rounded set of employability and leadership skills that allow you to guide your own career and nail your interviews. [LEARN MORE >](#)

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