

# Associate Website Developer

## Business Tech Pathway



The Associate Website Developer works with the marketing and graphic design teams to build and maintain websites for both desktop and mobile devices. They focus on web interfaces and user interactions throughout the application life cycle. In addition, this role encompasses testing and troubleshooting web and mobile applications and integrating new features to improve and optimize existing sites for mobile and desktop devices.

Online presence is always evolving and constantly changing, creating a high demand for those who work as part of a web application team and improve existing websites with new content and functionality.

**4 Courses, 4 Certifications, 7 Credits** **189 Hours**

**Foundations in Information Technology**

**Building Web User Interfaces and Interactions**

**Web Design and Development Fundamentals**

**Business Skills Workshops**

### 4 Certifications\*

**CompTIA | Microsoft | Adobe**

CompTIA IT Fundamentals  
 Adobe Dreamweaver CC  
 Adobe Photoshop CC

Microsoft Technology Associate: HTML5 App Development Fundamentals

### Project

Students will design a website interface and create an interactive website using responsive design with HTML5, CSS, and JavaScript. The site will be designed to a client specification and reviewed by a mock client before the project is accepted.

| Certificate of Completion   | College Credits   |
|---|---|
| Students who pass all the courses and pass at least 50% of the certification exams receive a <b>Certificate of Completion</b> that represents successful completion of the Associate Website Developer program. | Whether or not you plan to continue your formal education immediately after completing a NuPaths' program, you'll earn college credits that you can apply toward a college degree. Students have the potential to earn up to <b>7 college credits</b> in the Associate Website Developer program. |

## Course Descriptions

### Foundations in Information Technology

The course concentrates on the basics of computer hardware, software, mobile computing, networking, troubleshooting, and emerging technologies. Students learn about configuring operating systems, file and folder management, networks and network configuration, and the role of the OSI model in networking and troubleshooting. A fundamental understanding of computer hardware, operating systems, computer application software, networking technologies and protocols, web browsers, identifying security risks, troubleshooting errors, and system maintenance is gained. The course also includes an exploration of cutting-edge technologies such as cloud computing and virtualization.

### Web Design and Development Fundamentals

Focus on both key and new features of Adobe Dreamweaver CC and Adobe Photoshop CC within the context of web design and development fundamentals, career paths in web design and development, and website trends. Also, explore Word Press fundamentals for website content management.



### Building Web User Interfaces and Interactions

Develop an understanding of key concepts for web application interfaces and interactions. Learn how to manage the application life cycle, build the user interface by using HTML5, format the user interface with CSS, and code interactions with JavaScript.

### Business Skills Workshops

There's more to a successful IT career than knowing the technology. This course focuses on the business or "soft" skills that allow people to interact effectively and productively; skills like collaboration, communication, emotional intelligence, and time management.

## Technology Experience Gained

Operating systems . Anti-malware software . Productivity software . Browser software . Wireless router  
Backup software . Workstations . Laptop . Printer . External storage . Cloud computing . Mobile devices  
WordPress . Adobe Dreamweaver . Adobe Photoshop . HTML 5 . JavaScript . CSS3 . Mobile applications

\*Third party certification providers give certification exams that must be successfully completed as per their requirements.

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