

**WEB DEVELOPMENT  
FUNDAMENTALS  
&  
BUSINESS  
COMPUTER APPLICATIONS**

Instructor:  
Todd Sparrow  
Tuition:  
\$90: per semester class due at registration  
Credit:  
1/2 credit per semester  
Homework:  
2-3 hours per week

**Web Development Fundamentals** - Semester 1 offers an introductory view of exciting world of web programming. In this course we will learn how the internet works and what makes programming the web different. This is a great course for students to use to determine if they have the interest and capacity necessary to achieve success in the software development industry.

Textbook: HTML, CSS & JavaScript in easy steps  
ISBN: 978-1840788785

**Business Computer Applications** - Semester 2 introduces and explores the foundations of document writing with word processing, data management with spreadsheets and creating presentations with office suite applications used in education and business settings. We will use the online version of Microsoft Office 365.

Textbook: Workplace Software and Skills (Free download  
openstax.org)

ISBN: 978-1961584310

**Requirements and Expectations:**

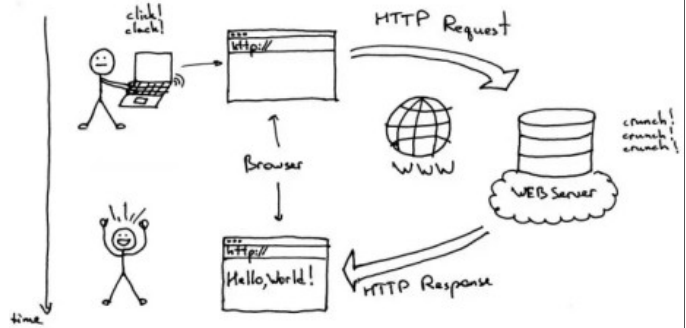
These courses are for 8th-12th grade. High school credit is only available for 9th-12th. No previous programming experience is necessary. Students must have reliable internet access at home and access to a printer to complete this course. High-speed internet is recommended for installation and usage of all course software. Students should be progressing towards a minimum touch-typing rate of 20 wpm.

**Supplies:**

Compatible\*\* Laptop  
(non-Chromebook) with WiFi  
adapter.

**Software:**

Microsoft Office 365 Online (a free student account will be provided during the course)  
Visual Studio Code (free download)  
(\*\* see requirements for full details)



\* Each course will satisfy .5 of the 3 elective credits required for graduation in Tennessee.

\*\* The full listing of the laptop requirements can be found by visiting: <https://wlink.to/ceectech>