

# **Academy of Web Design & Development**

## **Web Design & Development**

Web Design & Development (WD&D) is a career program that will take students through a high school course progression that serves as a foundation for a career path in one of the following areas of information technology: Web Development, Web Application Development, or Programming. WD&D students will be prepared by obtaining industry certifications and internship opportunities.

## **Course Requirements**

Any student at PHS is eligible to take WD&D courses. Especially students in the Osceola Business Academy Business and Entrepreneurship courses.

## **WD&D Course Offerings**

### **Digital Information Technology (8207310)**

This core course is designed to provide a basic overview of current business and information systems and trends, and to introduce students to fundamental skills required for today's business and academic environments. Emphasis is placed on developing fundamental computer skills. The intention of this course is to prepare students to be successful both personally and professionally in an information-based society.

### **Fundamentals of Web Design (9001110)**

This course is designed to provide students with opportunities to acquire and apply foundational skills related to web design.

### **User Interface Design (9001120)**

This course provides advanced concepts used in interface design. The content includes principles of Human Computer Interface (HCI), advanced page design using Cascading Style Sheets (CSS), advanced HTML commands, multimedia applications, Internet/Intranet tools, and website promotion.

### **Web Scripting Fundamentals (9001130)**

This course provides an introduction to scripting related to web development. The content primarily focuses on client-side scripting using JavaScript.

**CTSO: [Business Professionals of America](#)**

Business Professionals of America (BPA) is a national career and technical student organization for students who are in or have taken business and computer technology classes or who are interested in pursuing a career in these areas.

**Top 5 reasons to be affiliated with BPA**

1. Robust Competitions
2. Industry Certifications
3. Leadership & Service Programs
4. Dynamic Leadership Conferences
5. BPA Community

For more information contact:

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