

Microsoft Professional Orientation : Front-End Web Developer

Modality: On Demand

Duration: 12 Hours

About this course:

The orientation course is designed to introduce the student to the Web Front-End Developer discipline by introducing the various technologies that computer programmers use when creating web sites.

The technologies are focused on aspects of web development that are part of the front-end of a web application, more specifically, code that executes on the client computer rather than on a server.

This course is the first course students take as a part of the Web Front-End Developer, Microsoft Professional Program. It will introduce the topics that will be a part of the course work throughout the program. Students will gain an understanding of the technologies and have the opportunity to explore some code and developer tools for work on web applications.

Course Objective:

- What web front-end development is all about
- The different languages that are used in this development arena
- Learn about the frameworks in use today and how they apply to web development
- Try out some of the tools available for web developers

Audience:

- Front-end developer
- web developer

Prerequisite:

- High school
- Basic computer skills
- Internet knowledge

Course Outline:

1 | Introducing Front-End Web Development

- Guide to the Front-End Web Developer Curriculum
- Meet Some Web Developers
- Module Lab

2 | Introducing Web Front-End Frameworks

- Web Frameworks
- Module Assessment
- Module 2 Lab

3 | HTML, CSS, and JavaScript Editors

- Introducing Editors
- Module Assessment
- Lab 1
- Source Control
- Lab 2?