

# Idaho PTE Business Education Course w/Essential Learning Outcomes

|                 |                             |      |            |
|-----------------|-----------------------------|------|------------|
| Course Title    | WEB DESIGN I-- INTRODUCTION |      |            |
| SDPTE Course ID | BE 0318                     | IBED | IBED 10201 |

A course designed to allow students to develop Web pages utilizing HTML, XHTML, CSS, and XML basic Web coding. This course is an entry level course intended as a pre-requisite for advanced Web design courses. This course is designed to provide students with vocabulary and concepts required to develop a Web site. Students will be introduced to industry standard Web design software and be ready to advance to Web Design II, where students will use advanced Web authoring tools.

|      |                    |      |                   |
|------|--------------------|------|-------------------|
| Term | Semester/Trimester | Preq | BE 0022 / BE 0110 |
|------|--------------------|------|-------------------|

## Notes:

### **Business Law BLaw\_7: Demonstrate Knowledge of Computer Law**

- BLaw\_7.1 Explain how the advances in computer technology impact upon such areas as property law, contract law, criminal law, and international law.

### **Career Development CDev\_1: Demonstrate Knowledge of Self-Awareness**

- CDev\_1.1 Assess personal skills, abilities, and aptitudes as they relate to career exploration and development.

### **Communications Comm\_1: Demonstrate Knowledge of Foundations of Communications**

- Comm\_1.3 Communicate in a written format in a clear, courteous, concise, and correct manner on personal and professional levels.

### **Communications Comm\_3: Demonstrate Knowledge of Technological Communications**

- Comm\_3.1 Use technology to enhance the effectiveness of communications.

### **Information Systems IS\_1: Demonstrate Knowledge of the Foundations of Information Systems**

- IS\_1.2 Demonstrate a knowledge of computers and the ability to use them.
- IS\_1.3 Identify the need for applications of technology in business, industry, society and on a global scale.

### **Information Systems IS\_3: Demonstrate Knowledge of Common Applications of Information Systems**

- IS\_3.2 Install, upgrade, and customize application software.

### **Information Systems IS\_13: Demonstrate Knowledge of Communications Systems and Networking**

- IS\_13.1 Design and implement security plans and procedures for information systems.

### **Information Systems IS\_14: Demonstrate Knowledge of Information Systems Careers**

- IS\_14.1 Describe positions and career paths in information systems.

### **Information Systems IS\_18: Demonstrate Knowledge of Web Design and Internet Fundamentals**

- IS\_18.1 Demonstrate knowledge of internet fundamentals.
- IS\_18.2 Demonstrate ability to develop a basic Web page.
- IS\_18.3 Demonstrate ability to develop a Web page with tables.
- IS\_18.4 Demonstrate ability to develop a Web page with frames.
- IS\_18.5 Demonstrate ability to develop a Web page with forms.
- IS\_18.6 Demonstrate ability to develop a Web page using cascading style sheets.
- IS\_18.8 Demonstrate ability to use XHTML Pages.
- IS\_18.9 Demonstrate ability to create an XML document.
- IS\_18.10 Demonstrate ability to validate an XML document.
- IS\_18.11 Demonstrate ability to work with XML schema.

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## ***Information Systems IS\_22: Demonstrate Knowledge of Using Industry Standard Software for Web Design***

- IS\_22.1 Demonstrate ability to use industry standard Web design software.
  - IS\_22.2 Demonstrate ability to develop a Web page using industry standard Web design software.
  - IS\_22.3 Demonstrate ability to work with text and images using industry standard Web design software.
  - IS\_22.4 Demonstrate ability to work with links using industry standard Web design software.
  - IS\_22.5 Demonstrate ability to use HTML tables using industry standard Web design software.
  - IS\_22.6 Demonstrate an understanding of the need for a Web server and files when using Web design software.
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