2023-2024
Technical Skills Assessment
Web Design and Development

IDAHO Division of Career Technical Education

Results by Standard

Legend (%)		
0-50%	51-75%	76-100%

Assessment: Web Design and Development Number tested: 67	% Correct 20-21	% Correct 21-22	% Correct 22-23	% Correct 23-24
CONTENT STANDARD 1.0: UNDERSTAND WEB PAGE DEVELOPMENT	88.34%	85.96%	87.83%	81.52%
Performance Standard 1.1: Use Standards-Compliant HTML to Create Basic Web Pages	89.02%	85.37%	86.20%	79.44%
1.1.3 Understanding the Web design environment.	88.79%	87.50%	91.51%	80.67%
1.1.9 Specify Headings.	97.41%	97.79%	100.00%	96.00%
1.1.10 Format Web page text.	95.69%	92.65%	89.62%	84.67%
1.1.13 Create ordered and unordered lists.	89.66%	92.65%	96.23%	90.67%
1.1.15 Create links.	90.23%	81.86%	86.16%	80.00%
1.1.16 Create links to email.	68.97%	55.88%	67.92%	65.33%
1.1.17 Use the <img> element.	94.83%	91.91%	85.85%	86.67%
1.1.18 Use and image as a link.	90.52%	89.71%	87.74%	82.67%
1.1.19 Organize files in your web directory.	93.10%	82.35%	83.02%	75.33%
1.1.20 Understand paths and their application to links.	70.69%	72.06%	69.81%	50.67%
Performance Standard 1.2: Use Styles to Format Web Pages	88.85%	88.33%	90.94%	83.38%
1.2.1 Identify the differences between HTML and CSS.	98.28%	95.10%	97.48%	95.56%
1.2.2 Write CSS Styles.	75.86%	80.88%	83.02%	77.78%
1.2.3 Create an embedded style.	83.62%	80.15%	87.74%	68.67%
1.2.4 Understand and use the font property.	87.07%	88.97%	91.51%	78.67%
1.2.6 Change foreground and background colors on a Web page.	94.83%	89.71%	92.45%	84.00%
1.2.8 Use classes to style several tags.	93.10%	93.14%	93.08%	89.33%
Performance Standard 1.3: Demonstrate an Understanding of Advanced CSS Selectors and	85.78%	82.90%	85.85%	83.00%
1.3.2 Use external style sheets to format several Web pages.	94.83%	97.79%	97.17%	93.33%
1.3.3 Understand how to position text on a Web page.	83.62%	79.41%	82.08%	81.33%
1.3.7 Use the <div> tag.	100.00%	97.06%	100.00%	97.33%
1.3.9 Explore the padding, margin, and border properties.	60.34%	60.29%	52.83%	66.67%
1.3.13 Create a stylized navigation.	84.48%	75.74%	87.74%	75.33%

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CONTENT STANDARD 2.0: UNDERSTAND WEB PAGE DESIGN AND LAYOUT	76.06%	75.85%	73.88%	70.82%
Performance Standard 2.1: Demonstrate Design Theory as it Applies to Web Design and	79.31%	78.31%	75.94%	72.33%
2.1.3 Understand graphics file formats (vector versus raster).	34.48%	25.00%	15.09%	13.33%
2.1.11 Understand ethical use of copyrighted materials.	94.25%	96.08%	96.23%	92.00%
Performance Standard 2.2: Enhance Web Pages with List, Images and Background Images	66.61%	67.91%	63.81%	60.61%
2.2.1 Control background images with CSS.	56.03%	61.03%	58.49%	49.33%
2.2.2 Float and image or text.	81.90%	84.56%	80.19%	79.33%
2.2.3 Control image properties with CSS.	93.97%	94.85%	98.11%	87.33%
2.2.4 Understand and use the clear property.	47.41%	49.26%	35.85%	40.67%
2.2.5 Change list style type and position.	41.38%	35.29%	31.13%	30.00%
2.2.6 Format and float headings.	91.38%	97.06%	94.34%	93.33%
Performance Standard 2.3: Demonstrate Understanding of and Use the Box Model	87.64%	84.07%	85.53%	82.67%
2.3.2 Create boxes for layout.	80.17%	75.74%	80.19%	76.00%
2.3.3 Size and position boxes.	93.10%	91.18%	92.45%	87.33%
2.3.5 Understand padding, margins, and border properties.	89.66%	85.29%	83.96%	84.67%
Performance Standard 2.4: Demonstrate the Ability to Effectively Design and Layout Out Web Pages Using CSS	80.34%	81.47%	80.38%	77.87%
2.4.1 Designing for multiple screen resolutions.	92.24%	96.32%	93.40%	88.67%
2.4.6 Use the <div> tag to create formatting sections of a document.	94.83%	97.06%	92.45%	94.67%
2.4.8 Understand the positioning properties.	61.21%	58.82%	61.32%	58.67%
CONTENT STANDARD 3.0: UNDERSTAND INTEGRATION OF WEB PAGE CONTROLS	80.08%	81.54%	78.83%	68.44%
Performance Standard 3.2: Demonstrate the Ability to Use Design and Layout Web Forms	80.08%	81.54%	78.83%	68.44%
3.2.1 Create an HTML form.	81.03%	88.24%	90.57%	76.00%
3.2.2 Create fields for text.	81.03%	80.88%	66.04%	60.00%
3.2.3 Create text boxes.	98.28%	97.06%	96.23%	88.00%
3.2.4 Understand how to choose appropriate form controls.	87.93%	84.56%	84.91%	68.00%
3.2.5 Create radio buttons, check boxes, and list boxes.	82.76%	83.09%	84.91%	74.00%
3.2.6 Create selection lists.	59.48%	66.18%	58.49%	54.00%
CONTENT STANDARD 4.0: UNDERSTAND WEB RELATED PLANNING AND ORGANIZATIONAL	81.22%	79.88%	80.64%	75.65%
Performance Standard: 4.1: Demonstrate Understanding of Website Architecture and	81.19%	79.14%	80.79%	76.61%
4.1.2 Understand a site's target audience and how that understanding can affect site developmen	99.14%	98.53%	97.17%	93.33%
4.1.3 Methods for getting a site developed.	62.93%	55.88%	57.55%	51.33%
4.1.11 Publish their Web site.	76.29%	75.37%	77.83%	74.33%
4.1.12 Test their Web site.	87.93%	86.76%	89.31%	85.33%

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Performance Standard 4.2: Demonstrate Understanding of Site Organization and	81.25%	80.88%	80.42%	74.33%
4.2.1 Create usable navigation.	94.83%	99.26%	95.28%	91.33%
4.2.2 Build text based navigation.	96.55%	98.53%	100.00%	93.33%
4.2.4 Use lists for navigation.	91.38%	92.65%	92.45%	88.00%
4.2.5 Build horizontal navigation bars.	67.24%	54.41%	71.70%	53.33%
4.2.7 Use background color and graphics to enhance navigation.	84.48%	83.09%	80.19%	74.00%
4.2.8 Create hover rollovers.	36.21%	36.76%	28.30%	29.33%
CONTENT STANDARD 5.0: UNDERSTAND THE RELATIONSHIP OF WEB MARKETING	68.53%	61.03%	64.15%	58.33%
Performance Standard 5.1: Use Multimedia on the Web	53.45%	50.00%	46.23%	40.67%
5.1.1 Learn the basics of multimedia and excutable content.	60.34%	69.12%	56.60%	49.33%
5.1.3 Explore the various formats available for Web based video, the factors that determine which one to use.	46.55%	30.88%		32.00%
Performance Standard 5.2: Demonstrate Brand and Marketing and Traffic Analysis	72.41%	66.18%	81.13%	76.00%
5.2.8 Discover how to promote and market your Web site to help drive new and returning traffic.	72.41%	66.18%	81.13%	76.00%
Performance Standard 5.3: Understand the Relationship Between the Web and Social	94.83%	77.94%	83.02%	76.00%
5.3.5 Differentiate between Blogging and Content Management Systems.	94.83%	77.94%	83.02%	76.00%