

## 2021-2022 Technical Skills Assessment Web Design and Development

## **Results by Standard**

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

| Assessment: Web Design and Development   | % Correct | % Correct | % Correct | % Correct |
|--|-----------|-----------|-----------|-----------|
| Number tested: 63  | 17-18     | 18-19     | 20-21     | 21-22     |
| CONTENT STANDARD 1.0: UNDERSTAND WEB PAGE DEVELOPMENT                                | 81.40%    | 87.89%    | 88.34%    | 85.96%    |
| Performance Standard 1.1: Use Standards-Compliant HTML to Create Basic Web Pages     | 78.78%    | 86.33%    | 89.02%    | 85.37%    |
| 1.1.3 Understanding the Web design environment.                                      | 87.50%    | 90.35%    | 88.79%    | 87.50%    |
| 1.1.9 Specify Headings.  | 93.75%    | 97.37%    | 97.41%    | 97.79%    |
| 1.1.10 Format Web page text.   | 92.19%    | 97.37%    | 95.69%    | 92.65%    |
| 1.1.13 Create ordered and unordered lists.   | 84.38%    | 96.49%    | 89.66%    | 92.65%    |
| 1.1.15 Create links.   | 89.58%    | 90.06%    | 90.23%    | 81.86%    |
| 1.1.16 Create links to email.  | 46.88%    | 66.67%    | 68.97%    | 55.88%    |
| 1.1.17 Use the <img/> element.   | 78.13%    | 90.35%    | 94.83%    | 91.91%    |
| 1.1.18 Use and image as a link.  | 51.56%    | 75.44%    | 90.52%    | 89.71%    |
| 1.1.19 Organize files in your web directory.   | 85.94%    | 88.60%    | 93.10%    | 82.35%    |
| 1.1.20 Understand paths and their application to links.                              | 59.38%    | 64.04%    | 70.69%    | 72.06%    |
| Performance Standard 1.2: Use Styles to Format Web Pages                             | 84.38%    | 89.82%    | 88.85%    | 88.33%    |
| 1.2.1 Identify the differences between HTML and CSS.                                 | 94.79%    | 96.49%    | 98.28%    | 95.10%    |
| 1.2.2 Write CSS Styles.  | 79.17%    | 86.55%    | 75.86%    | 80.88%    |
| 1.2.3 Create an embedded style.  | 65.63%    | 81.58%    | 83.62%    | 80.15%    |
| 1.2.4 Understand and use the font property.  | 79.69%    | 84.21%    | 87.07%    | 88.97%    |
| 1.2.6 Change foreground and background colors on a Web page.                         | 90.63%    | 92.98%    | 94.83%    | 89.71%    |
| 1.2.8 Use classes to style several tags.   | 90.63%    | 93.57%    | 93.10%    | 93.14%    |
| Performance Standard 1.3: Demonstrate an Understanding of Advanced CSS Selectors and | 82.03%    | 87.94%    | 85.78%    | 82.90%    |
| 1.3.2 Use external style sheets to format several Web pages.                         | 95.31%    | 95.61%    | 94.83%    | 97.79%    |
| 1.3.3 Understand how to position text on a Web page.                                 | 81.25%    | 87.72%    | 83.62%    | 79.41%    |
| 1.3.7 Use the <div> tag.</div>   | 100.00%   | 96.49%    | 100.00%   | 97.06%    |
| 1.3.9 Explore the padding, margin, and border properties.                            | 40.63%    | 78.95%    | 60.34%    | 60.29%    |
| 1.3.13 Create a stylized navigation.   | 81.25%    | 80.70%    | 84.48%    | 75.74%    |

| Number tested: 63  | Assessment: Web Design and Development  | % Correct | % Correct | % Correct | % Correct |
|--|---|-----------|-----------|-----------|-----------|
| Performance Standard 2.1: Demonstrate Design Theory as it Applies to Web Design and   72.66%   82.02%   79.31%   78.31%   21.31 Understand graphics file formats (vector versus raster).   25.00%   50.88%   34.48%   25.00%   50.88%   34.48%   25.00%   50.88%   34.48%   25.00%   50.88%   24.0%   94.25%   60.88%   79.67%   60.98%   79.67%   60.98%   79.67%   60.98%   79.67%   60.98%   79.67%   60.98%   79.67%   60.98%   79.67%   60.98%   79.67%   60.98%   79.67%   60.98%   79.67%   60.98%   79.67%   60.98%   79.67%   60.98%   77.98%   81.99%   84.56%   82.21 Chort and image or text.   90.63%   77.19%   81.90%   84.56%   22.3 Control image properties with CSS.   95.31%   88.60%   93.97%   94.85%   22.4 Understand and use the clear property.   60.94%   42.98%   47.41%   49.26%   22.5 Change list style type and position.   32.81%   40.35%   41.38%   55.29%   22.6 Format and float headings.   87.50%   96.49%   91.38%   97.06%   87.50%   96.49%   91.38%   97.06%   87.50%   96.49%   91.38%   97.06%   87.50%   96.49%   91.38%   97.06%   87.50%   96.49%   91.38%   97.06%   87.50%   96.49%   91.38%   97.06%   87.64%   93.10%   91.18%   93.10%   91.18%   93.10%   91.18%   93.10%   91.18%   93.20%   93. | Number tested: 63   | 17-18     | 18-19     | 20-21     | 21-22     |
| 2.1.3 Understand graphics file formats (vector versus raster).       25.00%       50.88%       34.48%       25.00%         2.1.1 Understand ethical use of copyrighted materials.       83.54%       92.40%       94.25%       96.08%         Performance Standard 2.2: Enhance Web Pages with List, Images and Background Images       69.32%       64.75%       66.61%       67.91%         2.2.1 Control background images with CSS.       95.31%       58.77%       56.03%       61.03%         2.2.3 Control image properties with CSS.       95.31%       88.60%       93.97%       94.85%         2.2.4 Understand and use the clear property.       60.94%       42.98%       47.41%       49.26%         2.2.5 Change list style type and position.       32.81%       40.35%       41.38%       35.29%         2.2.6 Format and float headings.       87.50%       96.49%       91.38%       37.64%         2.3.2 Create boxes for layout.       34.38%       64.91%       80.17%       75.44%         2.3.3 Size and position boxes.       92.19%       94.74%       93.10%       91.18%         2.3.5 Understand padding, margins, and border properties.       81.25%       89.47%       89.68%       85.29%         Performance Standard 2.4: Demonstrate the Ability to Effectively Design and Layout Out Web Pages Using CSS       80.34%       91.  | CONTENT STANDARD 2.0: UNDERSTAND WEB PAGE DESIGN AND LAYOUT                                     | 71.03%    | 74.49%    | 76.06%    | 75.85%    |
| 2.1.11 Understand ethical use of copyrighted materials.       88.54%       92.40%       94.25%       96.08%         Performance Standard 2.2: Enhance Web Pages with List, Images and Background Images       69.32%       64.75%       66.61%       67.91%         2.2.1 Control background images with CSS.       97.81%       81.90%       84.56%         2.2.2 Float and image or text.       90.63%       77.19%       81.90%       84.56%         2.2.3 Control image properties with CSS.       95.31%       88.60%       93.97%       94.85%         2.2.4 Understand and use the clear property.       60.94%       42.88%       47.41%       49.26%         2.2.5 Change list style type and position.       32.81%       40.35%       41.38%       35.29%         2.2.6 Format and float headings.       60.94%       42.88%       47.41%       49.26%         2.3.2 Create boxes for layout.       34.38%       64.91%       80.17%       75.74%         2.3.5 Understand padding, margins, and border properties.       92.19%       94.74%       93.10%       91.18%         2.3.5 Understand padding, margins, and border properties.       92.19%       94.74%       93.10%       81.25%         2.4.1 Designing for multiple screen resolutions.       81.25%       94.74%       93.24%         2.4.6 Use the &tirdivégi  | Performance Standard 2.1: Demonstrate Design Theory as it Applies to Web Design and             | 72.66%    | 82.02%    | 79.31%    | 78.31%    |
| Performance Standard 2.2: Enhance Web Pages with List, Images and Background Images   69.32%   64.75%   66.61%   67.91%  | 2.1.3 Understand graphics file formats (vector versus raster).                                  | 25.00%    | 50.88%    | 34.48%    | 25.00%    |
| 2.2.1 Control background images with CSS.       57.81%       58.77%       56.03%       61.03%         2.2.2 Float and image or text.       90.63%       77.19%       81.90%       84.56%         2.2.3 Control image properties with CSS.       95.31%       38.60%       93.97%       84.56%         2.2.4 Understand and use the clear property.       60.94%       42.98%       47.41%       49.26%         2.2.5 Change list style type and position.       38.18%       40.35%       41.38%       35.29%         2.2.6 Format and float headings.       87.50%       96.49%       91.38%       97.06%         Performance Standard 2.3: Demonstrate Understanding of and Use the Box Model       69.27%       33.04%       87.64%       84.07%         2.3.2 Size and position boxes.       92.19%       94.74%       93.10%       87.74%       93.10%       97.64%       85.29%         Performance Standard 2.4: Demonstrate the Ability to Effectively Design and Layout Out Web Pages Using CSS       79.65%       80.34%       81.47%         2.4.1 Designing for multiple screen resolutions.       85.94%       91.23%       92.24%       96.32%         2.4.8 Understand the positioning properties.       57.81%       60.53%       61.21%       58.82%         CONTENT STANDARD 3.0: UNDERSTAND INTEGRATION OF W  | 2.1.11 Understand ethical use of copyrighted materials.   | 88.54%    | 92.40%    | 94.25%    | 96.08%    |
| 2.2.2 Float and image or text.       90.63%       77.19%       81.90%       84.56%         2.2.3 Control image properties with CSS.       95.31%       88.60%       93.97%       94.85%         2.2.4 Understand and use the clear property.       60.94%       42.98%       47.41%       49.26%         2.2.5 Change list style type and position.       32.81%       40.35%       41.38%       35.29%         2.2.6 Format and float headings.       87.50%       96.49%       91.38%       97.06%         Performance Standard 2.3: Demonstrate Understanding of and Use the Box Model       69.27%       83.04%       87.64%       84.07%         2.3.2 Create boxes for layout.       34.38%       64.91%       80.17%       75.74%         2.3.3 Size and position boxes.       92.19%       94.74%       93.10%       91.18%         2.3.5 Understand padding, margins, and border properties.       92.19%       94.74%       93.10%       91.18%         2.3.5 Understand padding, margins, and border properties.       75.63%       79.65%       80.34%       81.47%         2.4.1 Designing for multiple screen resolutions.       85.29%       77.65%       81.25%       94.74%       94.83%       97.06%         2.4.8 Understand the positioning properties.       57.81%       60.53%       61.21%       58.82%  | Performance Standard 2.2: Enhance Web Pages with List, Images and Background Images             | 69.32%    | 64.75%    | 66.61%    | 67.91%    |
| 2.2.3 Control image properties with CSS.       95.31%       88.60%       93.97%       94.85%         2.2.4 Understand and use the clear property.       60.94%       42.98%       47.41%       49.26%         2.2.5 Change list style type and position.       32.81%       40.35%       41.38%       35.29%         2.2.6 Format and float headings.       87.50%       96.49%       91.38%       97.06%         Performance Standard 2.3: Demonstrate Understanding of and Use the Box Model       69.27%       83.04%       87.64%       84.07%         2.3.2 Size and position boxes.       23.3 Size and position boxes.       92.19%       94.74%       93.10%       91.12%         2.3.5 Understand padding, margins, and border properties.       81.25%       89.47%       89.66%       85.29%         Performance Standard 2.4: Demonstrate the Ability to Effectively Design and Layout Out Web Pages Using CSS       79.65%       80.34%         2.4.1 Designing for multiple screen resolutions.       2.46 Use the &Itdiv>, tag to create formatting sections of a document.       90.63%       94.74%       94.83%       97.06%         2.4.8 Understand the positioning properties.       57.81%       60.53%       61.21%       58.82%         Content of tag to create formatting sections of a document.       90.63%       94.74%       94.83% <td< td=""><td>2.2.1 Control background images with CSS.</td><td>57.81%</td><td>58.77%</td><td>56.03%</td><td>61.03%</td></td<>   | 2.2.1 Control background images with CSS.   | 57.81%    | 58.77%    | 56.03%    | 61.03%    |
| 2.2.4 Understand and use the clear property.       60.94%       42.98%       47.41%       49.26%         2.2.5 Change list style type and position.       32.81%       40.35%       41.38%       35.29%         2.2.6 Format and float headings.       87.50%       96.49%       91.38%       97.06%         Performance Standard 2.3: Demonstrate Understanding of and Use the Box Model       69.27%       33.04%       87.64%       84.07%         2.3.2 Create boxes for layout.       34.38%       64.91%       80.17%       75.74%         2.3.5 Understand padding, margins, and border properties.       92.19%       94.74%       93.10%       91.18%         2.3.5 Understand padding, margins, and border properties.       81.25%       99.47%       99.66%       85.29%         Performance Standard 2.4: Demonstrate the Ability to Effectively Design and Layout Out Web Pages Using CSS       79.65%       80.34%       81.47%         2.4.1 Designing for multiple screen resolutions.       85.94%       91.23%       92.24%       96.32%         2.4.5 Understand the positioning properties.       57.81%       60.53%       41.47       48.3%       97.06%         2.4.8 Understand the positioning properties.       57.81%       60.53%       61.21%       58.82%         CONTENT STANDARD 3.0: UNDERSTAND INTEGRATION OF WEB PAGE CONTROLS       75.   | 2.2.2 Float and image or text.  | 90.63%    | 77.19%    | 81.90%    | 84.56%    |
| 2.2.5 Change list style type and position.       32.81%       40.35%       41.38%       35.29%         2.2.6 Format and float headings.       87.50%       96.49%       91.38%       97.06%         Performance Standard 2.3: Demonstrate Understanding of and Use the Box Model       69.27%       83.04%       87.64%       84.07%         2.3.2 Create boxes for layout.       34.38%       64.91%       80.17%       75.74%         2.3.3 Size and position boxes.       92.19%       94.74%       93.10%       91.18%         2.3.5 Understand padding, margins, and border properties.       81.25%       89.47%       89.66%       85.29%         Performance Standard 2.4: Demonstrate the Ability to Effectively Design and Layout Out Web Pages Using CSS       79.65%       80.34%       81.47%         2.4.1 Designing for multiple screen resolutions.       85.94%       91.23%       92.24%       96.32%         2.4.6 Use the <div> tag to create formatting sections of a document.       90.63%       94.74%       94.83%       97.06%         2.4.8 Understand the positioning properties.       57.81%       60.53%       61.21%       58.82%         CONTENT STANDARD 3.0: UNDERSTAND INTEGRATION OF WEB PAGE CONTROLS       75.00%       81.68%       80.08%       81.54%         Performance Standard 3.2: Demons</div>   | 2.2.3 Control image properties with CSS.  | 95.31%    | 88.60%    | 93.97%    | 94.85%    |
| 2.2.6 Format and float headings.       87.50%       96.49%       91.38%       97.06%         Performance Standard 2.3: Demonstrate Understanding of and Use the Box Model       69.27%       83.04%       87.64%       84.07%         2.3.2 Create boxes for layout.       34.38%       64.91%       80.17%       75.74%         2.3.3 Size and position boxes.       92.19%       94.74%       93.10%       91.18%         2.3.5 Understand padding, margins, and border properties.       81.25%       89.47%       89.66%       85.29%         Performance Standard 2.4: Demonstrate the Ability to Effectively Design and Layout Out Web Pages Using CSS       75.63%       79.65%       80.34%       81.47%         2.4.6 Use the <div> tag to create formatting sections of a document.       90.63%       94.74%       94.83%       97.06%         2.4.8 Understand the positioning properties.       57.81%       60.53%       61.21%       58.82%         CONTENT STANDARD 3.0: UNDERSTAND INTEGRATION OF WEB PAGE CONTROLS       75.00%       81.68%       80.08%       81.54%         Performance Standard 3.2: Demonstrate the Ability to Use Design and Layout Web Forms       75.00%       81.68%       80.08%       81.54%         3.2.1 Create fields for text.       75.00%       81.68%       80.08%       81.54%         <td< td=""><td>2.2.4 Understand and use the clear property.</td><td>60.94%</td><td>42.98%</td><td>47.41%</td><td></td></td<></div>   | 2.2.4 Understand and use the clear property.  | 60.94%    | 42.98%    | 47.41%    |           |
| Performance Standard 2.3: Demonstrate Understanding of and Use the Box Model   69.27%   83.04%   87.64%   84.07%   2.3.2 Create boxes for layout.   34.38%   64.91%   80.17%   75.74%   2.3.3 Size and position boxes.   92.19%   94.74%   93.10%   91.18%   2.3.5 Understand padding, margins, and border properties.   81.25%   89.47%   89.66%   85.29%   80.34%   87.64%   84.67%   89.66%   85.29%   80.34%   87.64%   80.34%   87.64%   80.34%   87.64%   80.34%   87.64%   80.34%   87.64%   80.34%   87.64%   80.34%   87.64%   80.34%   87.64%   80.34%   87.64%   80.34%   87.64%   80.34%   87.64%   80.34%   87.64%   80.34%   87.64%   80.34%   87.64%   80.34%   80. | 2.2.5 Change list style type and position.  | 32.81%    | 40.35%    | 41.38%    |           |
| 2.3.2 Create boxes for layout.       34.38%       64.91%       80.17%       75.74%         2.3.3 Size and position boxes.       92.19%       94.74%       93.10%       91.18%         2.3.5 Understand padding, margins, and border properties.       81.25%       89.47%       89.66%       85.29%         Performance Standard 2.4: Demonstrate the Ability to Effectively Design and Layout Out Web Pages Using CSS       79.65%       80.34%       81.47%         2.4.1 Designing for multiple screen resolutions.       85.94%       91.23%       92.24%       96.32%         2.4.6 Use the <div> tag to create formatting sections of a document.       90.63%       94.74%       94.83%       97.06%         2.4.8 Understand the positioning properties.       57.81%       60.53%       61.21%       58.82%         CONTENT STANDARD 3.0: UNDERSTAND INTEGRATION OF WEB PAGE CONTROLS       75.00%       81.68%       80.08%       81.54%         Performance Standard 3.2: Demonstrate the Ability to Use Design and Layout Web Forms       75.00%       81.68%       80.08%       81.54%         3.2.1 Create ields for text.       75.00%       92.98%       81.03%       80.28%         3.2.3 Create text boxes.       100.00%       94.74%       81.03%       80.88%         3.2.5 Create radio buttons, check boxes, and list boxes.&lt;</div>  | 5   | 87.50%    | 96.49%    | 91.38%    |           |
| 2.3.3 Size and position boxes.       92.19%       94.74%       93.10%       91.18%         2.3.5 Understand padding, margins, and border properties.       81.25%       89.47%       89.66%       85.29%         Performance Standard 2.4: Demonstrate the Ability to Effectively Design and Layout Out Web Pages Using CSS       75.63%       79.65%       80.34%       81.47%         2.4.1 Designing for multiple screen resolutions.       85.94%       91.23%       92.24%       96.32%         2.4.6 Use the &ltdiv&git tag to create formatting sections of a document.       90.63%       94.74%       94.83%       97.06%         2.4.8 Understand the positioning properties.       57.81%       60.53%       61.21%       58.82%         CONTENT STANDARD 3.0: UNDERSTAND INTEGRATION OF WEB PAGE CONTROLS       75.00%       81.68%       80.08%       81.54%         Performance Standard 3.2: Demonstrate the Ability to Use Design and Layout Web Forms       75.00%       81.68%       80.08%       81.54%         3.2.1 Create ifields for text.       75.00%       81.68%       80.08%       81.54%         3.2.2 Create fields for text.       75.00%       92.98%       81.03%       80.88%         3.2.4 Understand how to choose appropriate form controls.       89.06%       85.09%       87.93%       84.56%         3.2.5 Create r   |   | 69.27%    |           | 87.64%    |           |
| 2.3.5 Understand padding, margins, and border properties.   Performance Standard 2.4: Demonstrate the Ability to Effectively Design and Layout Out Web Pages Using CSS   75.63%   80.34%   81.47%   81.47%   82.41 Designing for multiple screen resolutions.   85.94%   91.23%   92.24%   96.32%   96.32%   94.74%   94.83%   97.06%   94.74%   94.83%   97.06%   94.74%   94.83%   97.06%   94.74%   94.83%   97.06%   94.74%   94.83%   97.06%   94.74%   94.83%   97.06%   94.74%   94.83%   97.06%   94.74%   94.83%   97.06%   94.74%   94.83%   97.06%   94.74%   94.83%   97.06%   94.74%   94.83%   97.06%   94.74%   94.83%   97.06%   94.74%   94.83%   97.06%   94.74%   94.83%   97.06%   94.74%   94.84%   94.74%   94.84%   94.74%   94.84%   94.74%   94.84%   94.74% | 2.3.2 Create boxes for layout.  |           | 64.91%    | 80.17%    |           |
| Performance Standard 2.4: Demonstrate the Ability to Effectively Design and Layout Out Web Pages Using CSS         75.63%         79.65%         80.34%         81.47%           2.4.1 Designing for multiple screen resolutions.         85.94%         91.23%         92.24%         96.32%           2.4.6 Use the <div> tag to create formatting sections of a document.         90.63%         94.74%         94.83%         97.06%           2.4.8 Understand the positioning properties.         57.81%         60.53%         61.21%         58.82%           CONTENT STANDARD 3.0: UNDERSTAND INTEGRATION OF WEB PAGE CONTROLS         75.00%         81.68%         80.08%         81.54%           Performance Standard 3.2: Demonstrate the Ability to Use Design and Layout Web Forms         75.00%         81.68%         80.08%         81.54%           3.2.1 Create an HTML form.         81.25%         94.74%         81.03%         88.24%           3.2.2 Create fields for text.         75.00%         92.98%         81.03%         80.88%           3.2.3 Create text boxes.         100.00%         94.74%         98.28%         97.06%           3.2.5 Create radio buttons, check boxes, and list boxes.         76.56%         84.21%         82.76%         83.09%           3.2.6 Create selection lists.         43.75%         57.02%         59.48%         66.18%     &lt;</div>  | ·   |           |           |           |           |
| Web Pages Using CSS         2.4.1 Designing for multiple screen resolutions.       85.94%       91.23%       92.24%       96.32%         2.4.6 Use the <div> tag to create formatting sections of a document.       90.63%       94.74%       94.83%       97.06%         2.4.8 Understand the positioning properties.       57.81%       60.53%       61.21%       58.82%         CONTENT STANDARD 3.0: UNDERSTAND INTEGRATION OF WEB PAGE CONTROLS       75.00%       81.68%       80.08%       81.54%         Performance Standard 3.2: Demonstrate the Ability to Use Design and Layout Web Forms       75.00%       81.68%       80.08%       81.54%         3.2.1 Create an HTML form.       81.25%       94.74%       81.03%       88.24%         3.2.3 Create fields for text.       75.00%       92.98%       81.03%       80.88%         3.2.3 Create text boxes.       100.00%       94.74%       98.28%       97.06%         3.2.4 Understand how to choose appropriate form controls.       89.06%       85.09%       87.93%       84.56%         3.2.5 Create radio buttons, check boxes, and list boxes.       76.56%       84.21%       82.76%       83.09%         3.2.6 Create selection lists.       43.75%       57.02%       59.48%       66.18%         CONTENT STANDARD 4.0: UNDERSTAND WEB RELATED PLANNING AND O</div>  |   | 81.25%    | 89.47%    |           | 85.29%    |
| 2.4.1 Designing for multiple screen resolutions. 2.4.6 Use the <div> tag to create formatting sections of a document. 2.4.8 Understand the positioning properties. 57.81% 60.53% 61.21% 58.82%  CONTENT STANDARD 3.0: UNDERSTAND INTEGRATION OF WEB PAGE CONTROLS Performance Standard 3.2: Demonstrate the Ability to Use Design and Layout Web Forms 3.2.1 Create an HTML form. 3.2.2 Create fields for text. 3.2.3 Create text boxes. 3.2.4 Understand how to choose appropriate form controls. 3.2.5 Create radio buttons, check boxes, and list boxes. 3.2.6 Create selection lists. CONTENT STANDARD 4.0: UNDERSTAND WEB RELATED PLANNING AND ORGANIZATIONAL Performance Standard: 4.1: Demonstrate Understanding of Website Architecture and 4.1.2 Understand a site's target audience and how that understanding can affect site developme 4.1.3 Methods for getting a site developed. 4.1.11 Publish their Web site.</div>  |   | 75.63%    | 79.65%    | 80.34%    | 81.47%    |
| 2.4.6 Use the <div> tag to create formatting sections of a document.       90.63%       94.74%       94.83%       97.06%         2.4.8 Understand the positioning properties.       57.81%       60.53%       61.21%       58.82%         CONTENT STANDARD 3.0: UNDERSTAND INTEGRATION OF WEB PAGE CONTROLS       75.00%       81.68%       80.08%       81.54%         Performance Standard 3.2: Demonstrate the Ability to Use Design and Layout Web Forms       75.00%       81.68%       80.08%       81.54%         3.2.1 Create an HTML form.       81.25%       94.74%       81.03%       88.24%         3.2.2 Create fields for text.       75.00%       92.98%       81.03%       80.88%         3.2.3 Create text boxes.       100.00%       94.74%       98.28%       97.06%         3.2.4 Understand how to choose appropriate form controls.       89.06%       85.09%       87.93%       84.56%         3.2.5 Create radio buttons, check boxes, and list boxes.       76.56%       84.21%       82.76%       83.09%         3.2.6 Create selection lists.       43.75%       57.02%       59.48%       66.18%         CONTENT STANDARD 4.0: UNDERSTAND WEB RELATED PLANNING AND ORGANIZATIONAL       80.92%       85.60%       81.22%       79.88%         Performance Standard: 4.1: Demonstrate Understanding of Website Architecture</div>   |   | 85 94%    | 91 23%    | 92 24%    | 96.32%    |
| 2.4.8 Understand the positioning properties.       57.81%       60.53%       61.21%       58.82%         CONTENT STANDARD 3.0: UNDERSTAND INTEGRATION OF WEB PAGE CONTROLS       75.00%       81.68%       80.08%       81.54%         Performance Standard 3.2: Demonstrate the Ability to Use Design and Layout Web Forms       75.00%       81.68%       80.08%       81.54%         3.2.1 Create an HTML form.       81.25%       94.74%       81.03%       88.24%         3.2.2 Create fields for text.       75.00%       92.98%       81.03%       80.88%         3.2.3 Create text boxes.       100.00%       94.74%       98.28%       97.06%         3.2.4 Understand how to choose appropriate form controls.       89.06%       85.09%       87.93%       84.56%         3.2.5 Create radio buttons, check boxes, and list boxes.       76.56%       84.21%       82.76%       83.09%         3.2.6 Create selection lists.       43.75%       57.02%       59.48%       66.18%         CONTENT STANDARD 4.0: UNDERSTAND WEB RELATED PLANNING AND ORGANIZATIONAL       80.92%       85.60%       81.22%       79.88%         Performance Standard: 4.1: Demonstrate Understanding of Website Architecture and       78.69%       85.49%       81.19%       79.14%         4.1.3 Methods for getting a site developed.       65.63%       56.14%  |   |           |           |           |           |
| CONTENT STANDARD 3.0: UNDERSTAND INTEGRATION OF WEB PAGE CONTROLS       75.00%       81.68%       80.08%       81.54%         Performance Standard 3.2: Demonstrate the Ability to Use Design and Layout Web Forms       75.00%       81.68%       80.08%       81.54%         3.2.1 Create an HTML form.       81.25%       94.74%       81.03%       88.24%         3.2.2 Create fields for text.       75.00%       92.98%       81.03%       80.88%         3.2.3 Create text boxes.       100.00%       94.74%       98.28%       97.06%         3.2.4 Understand how to choose appropriate form controls.       89.06%       85.09%       87.93%       84.56%         3.2.5 Create radio buttons, check boxes, and list boxes.       76.56%       84.21%       82.76%       83.09%         3.2.6 Create selection lists.       43.75%       57.02%       59.48%       66.18%         CONTENT STANDARD 4.0: UNDERSTAND WEB RELATED PLANNING AND ORGANIZATIONAL       80.92%       85.60%       81.22%       79.88%         Performance Standard: 4.1: Demonstrate Understanding of Website Architecture and       78.69%       85.49%       81.19%       79.14%         4.1.2 Understand a site's target audience and how that understanding can affect site developme       93.75%       98.25%       99.14%       98.53%         4.1.3 Methods for getting a site developed. </td <td></td> <td></td> <td></td> <td></td> <td></td>   |   |           |           |           |           |
| Performance Standard 3.2: Demonstrate the Ability to Use Design and Layout Web Forms       75.00%       81.68%       80.08%       81.54%         3.2.1 Create an HTML form.       81.25%       94.74%       81.03%       88.24%         3.2.2 Create fields for text.       75.00%       92.98%       81.03%       80.88%         3.2.3 Create text boxes.       100.00%       94.74%       98.28%       97.06%         3.2.4 Understand how to choose appropriate form controls.       89.06%       85.09%       87.93%       84.56%         3.2.5 Create radio buttons, check boxes, and list boxes.       76.56%       84.21%       82.76%       83.09%         3.2.6 Create selection lists.       43.75%       57.02%       59.48%       66.18%         CONTENT STANDARD 4.0: UNDERSTAND WEB RELATED PLANNING AND ORGANIZATIONAL       80.92%       85.60%       81.22%       79.88%         Performance Standard: 4.1: Demonstrate Understanding of Website Architecture and       78.69%       85.49%       81.19%       79.14%         4.1.2 Understand a site's target audience and how that understanding can affect site development       93.75%       98.25%       99.14%       98.53%         4.1.3 Methods for getting a site developed.       65.63%       56.14%       62.93%       55.88%         4.1.11 Publish their Web site.       75.00%       <  |   |           |           |           |           |
| 3.2.1 Create an HTML form.       81.25%       94.74%       81.03%       88.24%         3.2.2 Create fields for text.       75.00%       92.98%       81.03%       80.88%         3.2.3 Create text boxes.       100.00%       94.74%       98.28%       97.06%         3.2.4 Understand how to choose appropriate form controls.       89.06%       85.09%       87.93%       84.56%         3.2.5 Create radio buttons, check boxes, and list boxes.       76.56%       84.21%       82.76%       83.09%         3.2.6 Create selection lists.       43.75%       57.02%       59.48%       66.18%         CONTENT STANDARD 4.0: UNDERSTAND WEB RELATED PLANNING AND ORGANIZATIONAL       80.92%       85.60%       81.22%       79.88%         Performance Standard: 4.1: Demonstrate Understanding of Website Architecture and       78.69%       85.49%       81.19%       79.14%         4.1.2 Understand a site's target audience and how that understanding can affect site development       93.75%       98.25%       99.14%       98.53%         4.1.3 Methods for getting a site developed.       65.63%       56.14%       62.93%       55.88%         4.1.11 Publish their Web site.       75.00%       87.72%       76.29%       75.37%  |   |           |           |           |           |
| 3.2.2 Create fields for text.       75.00%       92.98%       81.03%       80.88%         3.2.3 Create text boxes.       100.00%       94.74%       98.28%       97.06%         3.2.4 Understand how to choose appropriate form controls.       89.06%       85.09%       87.93%       84.56%         3.2.5 Create radio buttons, check boxes, and list boxes.       76.56%       84.21%       82.76%       83.09%         3.2.6 Create selection lists.       43.75%       57.02%       59.48%       66.18%         CONTENT STANDARD 4.0: UNDERSTAND WEB RELATED PLANNING AND ORGANIZATIONAL       80.92%       85.60%       81.22%       79.88%         Performance Standard: 4.1: Demonstrate Understanding of Website Architecture and       78.69%       85.49%       81.19%       79.14%         4.1.2 Understand a site's target audience and how that understanding can affect site developme       93.75%       98.25%       99.14%       98.53%         4.1.3 Methods for getting a site developed.       65.63%       56.14%       62.93%       55.88%         4.1.11 Publish their Web site.       75.00%       87.72%       76.29%       75.37%   | ·   |           |           |           |           |
| 3.2.4 Understand how to choose appropriate form controls.  3.2.5 Create radio buttons, check boxes, and list boxes.  3.2.6 Create selection lists.  CONTENT STANDARD 4.0: UNDERSTAND WEB RELATED PLANNING AND ORGANIZATIONAL  Performance Standard: 4.1: Demonstrate Understanding of Website Architecture and  4.1.2 Understand a site's target audience and how that understanding can affect site developme 4.1.3 Methods for getting a site developed.  43.75% 57.02% 59.48% 66.18% 66.18% 85.60% 81.22% 79.88% 81.12% 79.14% 98.53% 4.1.3 Methods for getting a site developed.  65.63% 56.14% 62.93% 55.88% 4.1.11 Publish their Web site.   | 3.2.2 Create fields for text.   | 75.00%    |           |           |           |
| 3.2.4 Understand how to choose appropriate form controls.  3.2.5 Create radio buttons, check boxes, and list boxes.  3.2.6 Create selection lists.  CONTENT STANDARD 4.0: UNDERSTAND WEB RELATED PLANNING AND ORGANIZATIONAL  Performance Standard: 4.1: Demonstrate Understanding of Website Architecture and  4.1.2 Understand a site's target audience and how that understanding can affect site developme 93.75% 98.25% 99.14% 98.53% 4.1.3 Methods for getting a site developed.  65.63% 56.14% 62.93% 55.88% 4.1.11 Publish their Web site.   | 3.2.3 Create text boxes.  | 100.00%   | 94.74%    | 98.28%    | 97.06%    |
| 3.2.6 Create selection lists.  CONTENT STANDARD 4.0: UNDERSTAND WEB RELATED PLANNING AND ORGANIZATIONAL  Performance Standard: 4.1: Demonstrate Understanding of Website Architecture and  43.75% 57.02% 59.48% 66.18%  80.92% 85.60% 81.22% 79.88%  81.19% 79.14%  4.1.2 Understand a site's target audience and how that understanding can affect site development 93.75% 98.25% 99.14% 98.53%  4.1.3 Methods for getting a site developed.  65.63% 56.14% 62.93% 55.88%  4.1.11 Publish their Web site.   | 3.2.4 Understand how to choose appropriate form controls.                                       | 89.06%    | 85.09%    | 87.93%    | 84.56%    |
| 3.2.6 Create selection lists.  CONTENT STANDARD 4.0: UNDERSTAND WEB RELATED PLANNING AND ORGANIZATIONAL  Performance Standard: 4.1: Demonstrate Understanding of Website Architecture and  43.75% 57.02% 59.48% 66.18%  80.92% 85.60% 81.22% 79.88%  81.19% 79.14%  4.1.2 Understand a site's target audience and how that understanding can affect site development 93.75% 98.25% 99.14% 98.53%  4.1.3 Methods for getting a site developed.  65.63% 56.14% 62.93% 55.88%  4.1.11 Publish their Web site.   | 3.2.5 Create radio buttons, check boxes, and list boxes.  | 76.56%    | 84.21%    | 82.76%    | 83.09%    |
| Performance Standard: 4.1: Demonstrate Understanding of Website Architecture and78.69%85.49%81.19%79.14%4.1.2 Understand a site's target audience and how that understanding can affect site development93.75%98.25%99.14%98.53%4.1.3 Methods for getting a site developed.65.63%56.14%62.93%55.88%4.1.11 Publish their Web site.75.00%87.72%76.29%75.37%  | 3.2.6 Create selection lists.   | 43.75%    | 57.02%    | 59.48%    | 66.18%    |
| 4.1.2 Understand a site's target audience and how that understanding can affect site development93.75%98.25%99.14%98.53%4.1.3 Methods for getting a site developed.65.63%56.14%62.93%55.88%4.1.11 Publish their Web site.75.00%87.72%76.29%75.37%  | CONTENT STANDARD 4.0: UNDERSTAND WEB RELATED PLANNING AND ORGANIZATIONAL                        | 80.92%    | 85.60%    | 81.22%    | 79.88%    |
| 4.1.3 Methods for getting a site developed.       65.63%       56.14%       62.93%       55.88%         4.1.11 Publish their Web site.       75.00%       87.72%       76.29%       75.37%   | Performance Standard: 4.1: Demonstrate Understanding of Website Architecture and                | 78.69%    | 85.49%    | 81.19%    | 79.14%    |
| 4.1.3 Methods for getting a site developed.       65.63%       56.14%       62.93%       55.88%         4.1.11 Publish their Web site.       75.00%       87.72%       76.29%       75.37%   | 4.1.2 Understand a site's target audience and how that understanding can affect site developmen | 93.75%    | 98.25%    | 99.14%    | 98.53%    |
| 4.1.11 Publish their Web site. 75.00% 87.72% 76.29% 75.37%   |   |           | 56.14%    | 62.93%    | 55.88%    |
|  | 4.1.11 Publish their Web site.  | 75.00%    | 87.72%    | 76.29%    | 75.37%    |
|  | 4.1.12 Test their Web site.   | 82.29%    | 93.57%    | 87.93%    | 86.76%    |

| Assessment: Web Design and Development  | % Correct | % Correct | % Correct | % Correct |
|---|-----------|-----------|-----------|-----------|
| Number tested: 63   |           | 18-19     | 20-21     | 21-22     |
| Performance Standard 4.2: Demonstrate Understanding of Site Organization and                                  | 83.98%    | 85.75%    | 81.25%    | 80.88%    |
| 4.2.1 Create usable navigation.   | 95.31%    | 96.49%    | 94.83%    | 99.26%    |
| 4.2.2 Build text based navigation.  | 100.00%   | 100.00%   | 96.55%    | 98.53%    |
| 4.2.4 Use lists for navigation.   | 90.63%    | 96.49%    | 91.38%    | 92.65%    |
| 4.2.5 Build horizontal navigation bars.   | 62.50%    | 63.16%    | 67.24%    | 54.41%    |
| 4.2.7 Use background color and graphics to enhance navigation.  | 84.38%    | 90.35%    | 84.48%    | 83.09%    |
| 4.2.8 Create hover rollovers.   | 59.38%    | 52.63%    | 36.21%    | 36.76%    |
| CONTENT STANDARD 5.0: UNDERSTAND THE RELATIONSHIP OF WEB MARKETING  | 56.25%    | 61.40%    | 68.53%    | 61.03%    |
| Performance Standard 5.1: Use Multimedia on the Web   | 50.00%    | 45.61%    | 53.45%    | 50.00%    |
| 5.1.1 Learn the basics of multimedia and excutable content.   | 50.00%    | 38.60%    | 60.34%    | 69.12%    |
| 5.1.3 Explore the various formats available for Web based video, the factors that determine which one to use. | 50.00%    | 52.63%    | 46.55%    | 30.88%    |
| Performance Standard 5.2: Demonstrate Brand and Marketing and Traffic Analysis                                | 68.75%    | 77.19%    | 72.41%    | 66.18%    |
| 5.2.8 Discover how to promote and market your Web site to help drive new and returning traffic.               | 68.75%    | 77.19%    | 72.41%    | 66.18%    |
| Performance Standard 5.3: Understand the Relationship Between the Web and Social                              | 56.25%    | 77.19%    | 94.83%    | 77.94%    |
| 5.3.5 Differentiate between Blogging and Content Management Systems.  |           | 77.19%    | 94.83%    | 77.94%    |