**INFORMATION TECHNOLOGY CAREER CLUSTER DESIGN**

***CHECKLIST*:** ***Web Page Design* (10201)**

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| **Standard** | **Dates Taught** | | | | **Notes** |
| **Web Page Design (1)** | | | | | |
| 1. Develop flowchart, navigational blueprints and schema. |  |  |  |  |  |
| 1. Create sample design showing placement of buttons/navigational graphics and suggested color scheme. |  |  |  |  |  |
| 1. Develop storyboards. |  |  |  |  |  |
| 1. Demonstrate knowledge of available graphics, video, motion graphics, web software programs. |  |  |  |  |  |
| 1. Identify how different user agents *(browsers, devices)* affect the digital communication product. |  |  |  |  |  |
| 1. Create and produce content. |  |  |  |  |  |
| 1. Create and refine design concepts. |  |  |  |  |  |
| 1. Identify, utilize and create reusable components. |  |  |  |  |  |
| 1. Apply color theory to select appropriate colors. |  |  |  |  |  |
| 1. Apply knowledge of typography. |  |  |  |  |  |
| 1. Apply principles and elements of design. |  |  |  |  |  |
| 1. Evaluate visual appeal. |  |  |  |  |  |
| 1. Demonstrate knowledge of basic web application security. |  |  |  |  |  |
| 1. Demonstrate knowledge of HTML, XHTML, and CSS. |  |  |  |  |  |
| 1. Explain importance of web standards. |  |  |  |  |  |
| 1. Demonstrate knowledge of Web 2.0. |  |  |  |  |  |
| 1. Explain the importance of ethical behaviors and legal issues. |  |  |  |  |  |
| 1. Demonstrate knowledge of how to use a scripting language to program a site. |  |  |  |  |  |
| 1. Describe the function of a non-disclosure agreement *(NDA).* |  |  |  |  |  |
| 1. Differentiate between copyright and trademarks. |  |  |  |  |  |

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| 1. Explain the concept of intellectual property. |  |  |  |  |  |
| 1. Define scope of work to achieve individual and group goals. |  |  |  |  |  |
| 1. Use available reference tools as appropriate. |  |  |  |  |  |
| 1. Explain the features and functions of Web browsing software. |  |  |  |  |  |
| 1. Explain the features and functions of Web page design software. |  |  |  |  |  |
| 1. Compare and contrast clients and servers. |  |  |  |  |  |
| 1. Describe how bandwidth affects data transmission and on-screen image. |  |  |  |  |  |