### Course Competency

**Competency 1:** The student will create a single fixed-width web page during guided lessons and assignments by:

1. Applying content from a model page to structural elements on a page.
2. Applying stylistic appearance attributes from a model page to the content boxes on a page.
3. Designing and building an original page from an original mockup.
4. Following industry-standard naming conventions for files and images.

**Learning Outcomes**

- Communication
- Critical thinking
- Computer / Technology Usage
- Aesthetic / Creative Activities

**Competency 2:** The student will create navigation links between pages, or parts of a page, in guided lessons and assignments by:

1. Defining link text with hypertext links for internal or external pages, as well as anchors within a page.
2. Incorporating rollover states for user interactivity.

**Learning Outcomes**

- Communication
- Critical thinking
- Computer / Technology Usage
- Aesthetic / Creative Activities

**Competency 3:** The student will incorporate images and multimedia in web page guided lessons and assignments by:

**Learning Outcomes**

- Communication
- Critical thinking
- Computer / Technology Usage
- Aesthetic / Creative Activities
1. Preparing images for output size and quality, as well as linking to them using a visual web page editor.
2. Incorporating online fonts, videos and maps using provided embed codes.

**Course Competency 4**: The student will design and build multi-page sites during guided lessons and assignments by:

1. Laying out sequential, hierarchical and linked site maps.
2. Designing a “parent” template page and an external style sheet.
3. Exporting “child” pages based on the “parent” page, and editing their content.
4. Applying Search Engine Optimization guidelines to all files and content within the web site folder.

**Course Competency 5**: The student will incorporate interactive content in web pages during guided lessons and assignments by:

1. Applying rollover images.
2. Applying tabs and accordions.
3. Applying date and time pickers.

**Course Competency 6**: The student will design and build web forms during guided lessons and assignments by:

1. Incorporating functioning text fields, radio buttons, checkboxes, select menus, and submit buttons.
2. Applying form actions and destination (or “thank you”) pages.
3. Validating collected form data for accuracy.

- Communication
- Critical thinking
- Computer / Technology Usage
- Aesthetic / Creative Activities