Course Description

GRA1750 | Web Design Fundamentals | 3.00 credits

The basics of web design comprise this introductory course. An introduction to the history of the web, including current design trends, a survey of Internet architecture, as well as user experience fundamentals and usability will comprise this introductory-level course. The student will examine the structure and styling of web pages.

Course Competencies:

Competency 1: The student will analyze Internet architecture by:
1. Describing the necessary hardware infrastructure and the elements of a server stack and client software
2. Differentiating the roles of people on a typical web design team
3. Examining and breaking down the parts of a typical web address URL and how they direct signals from one part of the web to another

Competency 2: The student will examine the structure of web pages by:
1. Differentiating the design functions of various content and layout boxes, such as headers, sidebars, main content, and footers
2. Analyzing the design functions of various text elements, such as headings, paragraphs, and lists
3. Differentiating between block-level and inline elements
4. Designing the structure of a website and creating navigation links between the various pages

Competency 3: The student will analyze the stylistic appearance attributes of web pages by:
1. Examining how to apply stylistic properties to content boxes, such as width, height, margins, padding, and background colors
2. Examining how to apply stylistic properties to text, such as fonts, size, leading, and colors
3. Examining how content boxes can be positioned side-by-side using the float and clear properties to design creative layouts

Learning Outcomes:
- Communicate effectively using listening, speaking, reading, and writing skills
- Use quantitative analytical skills to evaluate and process numerical data
- Solve problems using critical and creative thinking and scientific reasoning
- Use computer and emerging technologies effectively
- Demonstrate an appreciation for aesthetics and creative activities