



# COURSE OUTLINE

2021/2022

COURSE NAME: Web Design Fundamentals I

COURSE CODE: COMP1017

---

## COURSE DESCRIPTION

This course provides the student with an introduction to the basics of web design. The topics covered are semantic Hypertext Markup Language (HTML), Cascading Style Sheets (CSS), File Transfer Protocol (FTP), and crafting web pages using a plain text editor. With these skills, students will be able to create visually rich multi-page websites.

Course Credits: 3.00

Equivalent Courses: DMIT108

---

## LEARNING OUTCOMES

OUTCOME	Upon successful completion of this course, you will be able to
1	<p>Write well-formed markup in Hypertext Markup Language (HTML)</p> <p>The following concepts, skills, and issues are used to support this Outcome:</p> <ul style="list-style-type: none"><li>▪ Model proper marking up of content using HTML</li><li>▪ Utilize HTML sectioning elements to structure web documents</li><li>▪ Creation of page navigation</li><li>▪ Utilize standard tools to validate markup and document outline</li></ul>
2	<p>Construct web layout using Cascading Style Sheets (CSS)</p> <p>The following concepts, skills, and issues are used to support this Outcome:</p> <ul style="list-style-type: none"><li>▪ Demonstrate use of selectors in CSS</li><li>▪ Utilize cascade, inheritance and specificity in development</li><li>▪ Demonstrate the CSS box model</li><li>▪ Using CSS to create web layouts</li></ul>
3	<p>Build HTML web pages with styling using CSS</p> <p>The following concepts, skills, and issues are used to support this Outcome:</p> <ul style="list-style-type: none"><li>▪ Make use of CSS basics for styling</li><li>▪ Apply CSS properties to HTML documents</li><li>▪ Construct and style HTML forms</li></ul>

4	<p>Construct a web page and deploy it on a web server</p> <p>The following concepts, skills, and issues are used to support this Outcome:</p> <ul style="list-style-type: none"> <li>Utilize a design-comp file to construct a layout and styling</li> <li>Deploy a web site live on the internet</li> </ul>
5	<p>Apply an effective workflow for web design and development</p> <p>The following concepts, skills, and issues are used to support this Outcome:</p> <ul style="list-style-type: none"> <li>Make use of standard web development tools</li> <li>Developing a web sites using given build workflow</li> <li>Utilize a 960px center page layout framework</li> </ul>

## STUDENT EVALUATION

OUTCOME	ACTIVITY DESCRIPTION	MARK DISTRIBUTION
1, 4 and 5	HTML Labs	10%
2, 4 and 5	CSS Layout Labs	10%
3, 4 and 5	CSS Styles Labs	10%
1, 4 and 5	HTML markup Assignment	15%
2, 4 and 5	CSS layout Assignment	15%
1, 2, 3, 4 and 5	CSS Styles Assignment	20%
1, 2, 3, 4 and 5	Semantic HTML5 Markup Assignment	20%
TOTAL		100%

## COURSE COMPLETION REQUIREMENTS

Average mark no less than 50%.

## STUDENT EQUIPMENT AND SUPPLIES

Internet Access and a portable digital storage device. (Minimum 500 GB recommended.)

## DELIVERY METHOD

This course will be taught using a variety of delivery methods which may include face-to-face, online, or blended teaching platforms. Activities such as collaborative exercises/assignments, seminars, labs, discussion, audio/visual presentations, case studies, and practicums may be used to support learning.

## ADDITIONAL INFORMATION

None

## STUDENT RESPONSIBILITY

---

It is expected that students will be responsible citizens of the Institute by following the Student Rights and Responsibilities Policy (SR 1.0). As such, each student will assist in the preservation of Institute property, and assume responsibility for their education by staying informed of and abiding by academic requirements and policies; demonstrating respect toward others; and meet expectations concerning attendance, assignments, deadlines, and appointments.

## EQUITY AND INCLUSION STATEMENT

---

NAIT is committed to advancing equity and to actively and intentionally creating learning environments that promote a sense of belonging and dignity that ensure all people are safe, respected and valued. Acknowledging that every member of the NAIT community has a role in and responsibility to this work, NAIT provides the resources and support necessary for programs, departments and individuals to champion equity, diversity and inclusion and address barriers in meaningful ways.

## TERRITORIAL ACKNOWLEDGEMENT

---

NAIT respectfully honours and acknowledges that it is located on traditional Treaty 6 territory and an important trading center for the Métis people.

Leadership Review Date: June 10, 2021

Changes to This Course Outline: Every effort has been made to ensure that information in this course outline is accurate at the time of publication. The Institute reserves the right to change courses if it becomes necessary so that course content remains relevant. In such cases, the instructor will give the students clear and timely notice of the changes.

All Rights Reserved: No part of this course outline may be reproduced in any form or resold without written permission from NAIT. Copyright 2021.