

Session: **Winter 2021**
 Course: **Basic HTML Programming**
 Code:
 Weighting: **2-6-6**
 Duration: **120 hours**
 Prerequisite: **None**
 Approved by: _____
 Director of Studies

Instructor: **Moe Harb**
 Contact info: **moe@cumberland.college**

GENERAL OBJECTIVES

Program multimedia products.

COURSE OBJECTIVES

By the end of this course, the student should be able to:

- Understand common HTML elements and their usage in web publishing
- Build and create various web properties using HTML code
- Navigate and use common content management systems
- Plan and execute a web development project in accordance with a strict brief

EVALUATION

Classwork:	20%
Project:	50%
Final Exam:	30%
Total	100%

MEDIAGRAPHY (required reading)

- **Course Notes (Taking notes is class)**
- **Online resources.. Cumberland College Google Classroom, Google Search, Youtube, Linked in ...**

Suggested readings

Online reference: Codecademy

<https://www.codecademy.com/learn/learn-html>

HTML: Beginners Guide to HTML to Master Your Web Designing

By: Josh Steven (Paperback or Kindle web edition) through Amazon

https://www.amazon.ca/dp/B082YB48B6/ref=dp_kinw_strp_1

PARTICIPATION

The students should be in class at the right time and submit their projects in time.

The students will be afforded some class time to develop their coursework with the guidance of the instructor, but are expected to complete it independently.

W	THEORY	PRACTICAL/MEDIA
1	Introduction to HTML 1. What is HTML? 2. Overview of HTML elements and structure 3. Creating a simple web page	Guided Learning: Overview of course project- design a basic website for a business Exercise: Create a web page
2	Web Page Layouts 1 1. Different kinds of web page layouts 2. Styles and classes 3. Building web page layouts	Group Exercise: Create a wireframe for a web page based on a brief Guided learning: Create wireframes for a website project
3	Web Page Layout 2 1. Borders 2. Backgrounds 3. Floating Divs	Group Exercise: Define web elements for a web page based on a brief Guided learning: Build layouts for project web pages
4	Responsive web design 1. The importance of responsive web design 2. Responsive web design elements 3. Building and testing responsive web pages	Exercise: Build a responsive web page Guided learning: Code responsive elements for website project
5	HTML Text 1. Formatting Headings 2. Formatting paragraphs 3. Formatting text	Exercise: Basic WordPress Publishing. Draft a page for publication on WordPress using the correct formatting for each element Guided Learning: Formatting text for project website
6	Semantic HTML 1. What is semantic HTML? 2. Elements of semantic HTML 3. The importance of semantic HTML in digital marketing	Exercise: Identify semantic HTML elements on various web pages Guided learning: Define semantic HTML for Project
7	HTML Links 1. Text links 2. Link paths 3. Adding links	Exercise: Add links to a web page based on a brief Guided learning: Define linking needs for website project
8	Images in HTML 1. The role of visuals in web design 2. Different types of images on web pages 3. Adding images to web pages 4. Image HTML Tags	Exercises: Add images to a text only web page Guided learning: Work on image placement in website project
9	Video, Audio and Graphics on Websites 1. Videos and video tag attributes 2. Audio and audio tag attributes 3. Graphics and other visual elements	Exercise: Embed a video on a web page Exercise: Embed an audio file on a web page Guided learning: Work on video and audio elements of website project
10	Tables in HTML 1. Creating HTML Tables 2. HTML Elements in Tables 3. Styling Tables for the Web	Exercise: Create a table Guided learning: Add tables for website project where needed
11	HTML Forms 1. Importance and uses of forms in digital marketing 2. Elements of an HTML form 3. Linking forms to platforms for data capture	Exercise: Create forms for a website Guided learning: Define and add forms to website project
12	HTML Lists 1. Ordered Lists 2. Unordered lists 3. Creating lists	Exercise: Create an HTML list based on a brief Guided Learning: Create lists for website project
13	Content Management Systems 1. WordPress 2. Joomla 3. Drupal 4. Choosing the best CMS for a project	Submit Project Guided learning: Navigating different CMS systems Exercise: Create the same web page on 3 different CMS systems
14	Strategic Approaches to Web Design and Development 1. Planning a web design and development project 2. Website maintenance and updates 3. UX Design 4. Growth driven website design	Group exercise: Propose a design plan and timeline based on a brief Exercise: Analyze UX elements of a web page Guided learning: Revision for exam
15	Final Exam	