

# Course Outline

## 1.0 IDENTIFICATION

### COURSE INFORMATION

Course Name	Web Design Fundamentals
Course Code	
Course Classification	Foundational
Course Type	
Program Code and Name	GRAP 10132
Total Course Hours	28
Credit Value	3
Development School	Fennel Campus Development School
Department	
Academic Year	1
Approving Associate Dean	Ken Wallis

## 2.0 LEARNING OVERVIEW

### SUBSECTION VALUE



Course Description	<b><i>Students will modify, develop and create web sites using HTML and CSS while applying their understanding of HTML tags, File Management and Folder Structure, Linking Pages, FTP, HTTP, Local and Remote Addressing, and Website Hosting.</i></b>
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<div>Status of Resources</div> <div>REQ= Required REC= Recommended REF= Reference</div> <div>Type of Resources</div> <div>Text Book OR Supply</div>	Code or ISBN	Name or Title	Author/Publisher or Vendor	Version/ Edition	Type	Status
		MacBook			Supply	REQ
		USB Mouse			Supply	REQ
		USB Backup Drive			Supply	REQ

<b>Pre-requisite(s)</b>	Course Code	Course Name	Details

<b>Co-requisite(s)</b>	Course Code	Course Name	Details

<b>Equivalent courses</b>	Course Code	Course Name	Details

Prior Learning Assessment and Recognition	CH	Challenge	
	PA	Portfolio Assessment	

3.0 COURSE CONTENT			
Major modules, themes, or topics			
Introduction to Web Design			
Investigate & Apply basic HTML Structure			
Investigate & Apply Text Formatting			
Apply Hyperlinks			
Create & Apply CSS Style Sheets			
Apply Folder Structure & File Management			
Apply Useability and Accessibility Techniques			
Utilize FTP to Publish to the Web			

4.0 REFERENCE TO STANDARDS			
VS Code		Relevant Vocational Learning Outcome	
MCTU51820-VS01		Develop and implement solutions to problems encountered in the production phase of the graphic design process	
MCTU51820-VS02		Produce effective visual communications through the application of design theories and principles according to specifications	
MCTU51820-VS03		Apply typographic skills and knowledge to produce effective visual communications	
MCTU51820-VS04		Use a variety of technologies to capture and manipulate design elements in producing a final product	
MCTU51820-VS05		Communicate effectively with coworkers, supervisors, clients, and others; work in a professional manner; and maintain professional relationships	
EE Code		Relevant Essential Employability Skills Outcome	
EE1-A		Communicate clearly, concisely, and accurately in the written, spoken, and visual form that fulfills the purpose and meets the needs of the audience.	
EE1-B		Respond to written, spoken, or visual messages in a manner that ensures effective communication.	
EE2		Execute mathematical operations accurately.	
EE4-A		Locate, select, organize, and document information using appropriate technology and information systems.	
EE4-B		Analyze, evaluate, and apply relevant information from a variety of sources.	
EE5-A		Show respect for the diverse opinions, values, belief systems, and contributions of others.	
EE6-A		Manage the use of time and other resources to complete projects.	
EE6-B		Take responsibility for ones own actions, decisions, and consequences.	
GE Code		Relevant General Education Theme	
ES Code		Other External Standard	

5.0 COURSE LEARNING OUTCOMES			
Upon successful completion of the course learning outcomes, the student will reliably demonstrate the ability to:			
LO01	Understand & Investigate HTML basics.		

Learning Elements			
Define HTML and XHTML			

Create a working HTML document and synchronize with host server	
Use HTML Tags (block, document ,and empty level) in web site design	
Modify and synchronize an HTML document	
Develop links to other web pages	
<b>LO02</b>	<b><i>Synchronize and Test Files.</i></b>
<b>Learning Elements</b>	
Use FTP client to post files to host server	
Test amended files locally and upload	
Copy, Paste, and Duplicate Files locally and remotely	
<b>LO03</b>	<b><i>Build a Web Project.</i></b>
<b>Learning Elements</b>	
Create folders	
Understand file extensions	
Create a web page	
Understand HTML syntax	
Save a web page	
View work in a browser	
Use a text editor	
Use attributes	
<b>LO04</b>	<b><i>Use text formatting elements.</i></b>
<b>Learning Elements</b>	
Use paragraph <p> and alignment attributes	
Use line break   element	
Use bold and italics elements	
Nest Items	
Use subscript and superscripts elements	
Use font element and attributes	
Use ordered, unordered, and definition lists	
Use comment tags	
<b>LO05</b>	<b><i>Create hyperlinks.</i></b>
<b>Learning Elements</b>	
Understand paths	
Understand relative and absolute URLs	
Create remote hyperlinks	
Create email hyperlinks	
Change the colour of links	
Open a link in a new window	
Create named anchors	
Link to other objects	
Use images as hyperlinks	
<b>LO06</b>	<b><i>Use tables.</i></b>
<b>Learning Elements</b>	
Use tables for tabular data	
Understand the basic table structure	
Merge table cells	
<b>LO07</b>	<b><i>Use CSS.</i></b>
<b>Learning Elements</b>	
Define CSS	
Understand the difference between HTML and CSS formatting	

Create web pages with embedded, inline and linked CSS			
Apply CSS to HTML tags			
Create style rules			
Use different types of style sheets			
Understand the cascade			
Understand IDs and classes			
Wrap content to define structure			
Understand text properties			
Understand font properties			
Understand background properties			
Understand the box model			
Change link colours			
Understand CSS floats			
Understand the difference between linked, inline, embedded style sheets			
LO008	Publish to the Web.		
Learning Elements			
Understand selecting a web host			
Upload a web site			
Test and trouble shoot			
6.0 ASSESSMENT			
Assessment Method		Weight	Associated Outcome(s)
Assignment 1		10%	
Assignment 2		10%	
Assignment 3		20%	
Participation		10%	
Mid Term Exam		20%	
Final Exam		30%	
TOTAL		100%	
7.0 STUDENT SUCCESS – POLICIES AND PROCEDURES			
<p>Within this course, we will strive to provide an enriching and rewarding learning experience in which the rights and responsibilities of all participants are recognized. Please review the Mohawk College Policies and Procedures.</p> <p>Please be advised that these policies and procedures are subject to change. For the most up to date information on the following policies and procedures, consult <a href="http://www.mohawkcollege.ca/dept/stactiv/affairs/vp/codes.html#2">http://www.mohawkcollege.ca/dept/stactiv/affairs/vp/codes.html#2</a></p> <p><b>Policies and Procedures which relate to academic issues:</b></p> <ul style="list-style-type: none"><li>• Academic Appeals Policy;</li><li>• Academic Honesty Policy;</li><li>• Information Technology Policy;</li><li>• Mediation Procedure;</li><li>• Policy on Disruptive Behaviour of Students in the Learning Environment;</li><li>• Student Complaint Procedure.</li></ul> <p><b>Policies and Procedures which relate to non-academic issues:</b></p> <ul style="list-style-type: none"><li>• Human Rights Policy &amp; Procedure;</li></ul>			

- Information Technology Security Policy;
- Student Complaint Procedure;
- Student Conduct Policy and Procedure;
- Threats, Acts of Violence and Weapons Possession Policy and Procedure.

## 8.0 REFERENCES