



COURSE OUTLINE

MMC 112

WEB DESIGN

45 HOURS

3 CREDITS

PREPARED BY: Jon Gelinis

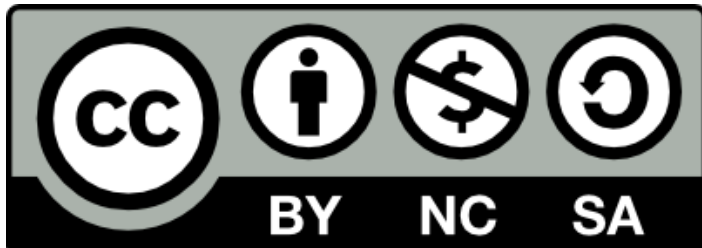
DATE: June 12, 2017

APPROVED BY: Margaret Dumkee

DATE: June 16, 2017

APPROVED BY ACADEMIC COUNCIL: (date)

RENEWED BY ACADEMIC COUNCIL: (date)



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School of Business and Leadership
MMC 112
3 Credit Course
Fall 2017

Web Design (HTML and CSS Fundamentals)

INSTRUCTOR: Jon Gelinias

OFFICE HOURS: Mon., Wed. 10:00 a.m. - 12:00 p.m. or by appointment

OFFICE LOCATION: T1026-D (Next to Multimedia Lab) **CLASSROOM:** T1030A

E-MAIL: jgelinas@yukoncollege.yk.ca **TIME:** 1:00 - 4:00 p.m.

TELEPHONE: 867.668.8766

DATES: Wednesdays, September 6 - December 6, 2017

COURSE DESCRIPTION

Web Design covers HTML and CSS coding basics using CSS3 and HTML5 standards. The student will build web pages that adhere to international standards and are viewable in all major modern browsers. HTML forms, tables, the use of design elements and multimedia are also covered. Students will also learn how to utilize WordPress, a well-known content management system (CMS) as an alternative method of building a web site and explore Adobe Muse technology.

PREREQUISITES

None.

EQUIVALENCY/TRANSFERABILITY

AI WDIM 130 (3)

AU COMP 266 (3)

CAPU BCPT 221 (3)

NIC IMG 110 (3)

SFU CMPT 170 (3)

TRU-OL CMPT 2319 (3)

UVIC CSC 130 (1.5)

VIU YUKO MMC 112 & YUKO MMC 121 = VIU DIGI 100 (3) & VIU DIGI 1st (3)

LEARNING OUTCOMES

The successful completion of this course indicates that the student has reliably demonstrated the ability to:

- Describe the basic functionality of HTML and CSS.
- Use Cascading Style Sheets (CSS) for page styling and layout.
- Evaluate web pages using various validation tools and services.
- Use web design techniques to improve web page readability and functionality.
- Incorporate WordPress as a CMS for building web sites.

DELIVERY METHODS/FORMAT

Conventional lecture and demonstration methods are used to present the theory portion while projects and assignments are utilized to reinforce and compliment the theory.

COURSE REQUIREMENTS

It is not required that you own a computer, however the appropriate hardware and the course software are suggested for optimal learning. Students should purchase a USB flash drive or external hard drive to transfer files to and from home.

ASSESSMENTS

Attendance and Participation

Regular attendance and participation is expected. If you must miss class, please inform the instructor ahead of time, if at all possible. It is the student's responsibility to take notes, to obtain missed assignments, announcements or material handouts for any class they have missed. The student is also expected to review topics as outlined in the syllabus prior to class.

Assignments

Students are given assignments after each class to demonstrate their understanding of material covered during formal delivery and the application of this knowledge in a practical manner.

Final Project

This in-class practical project will assess the student's course knowledge in general since the beginning of term, and concepts covered in more detail since the mid-term evaluation.

EVALUATION:

Assignments and Quizzes	80%
Final Project	20%

REQUIRED TEXTBOOKS/MATERIALS:

No textbook required for this course.

Selected online resources and readings will be provided in class.

Though not required, the following textbook is *suggested* for reference (especially if you are not comfortable researching and reading online content):

Duckett, J. (2011). HTML & CSS: design and build websites. Indianapolis, IN: Wiley

ACADEMIC AND STUDENT CONDUCT

Information on academic standing and student rights and responsibilities can be found in the Academic Regulations:

http://www.yukoncollege.yk.ca//downloads/Yukon_College_Academic_Regulations_and_Procedures_-_August_2013_final_v1.pdf

PLAGIARISM

Plagiarism is a serious academic offence. Plagiarism occurs when students present the words of someone else as their own. Plagiarism can be the deliberate use of a whole piece of another person's writing, but more frequently it occurs when students fail to acknowledge and document sources from which they have taken material. Whenever the words, research or ideas of others are directly quoted or paraphrased, they must be documented according to an accepted manuscript style (e.g., APA, CSE, MLA, etc.). Resubmitting a paper which has previously received credit is also considered plagiarism. Students who plagiarize material for assignments will receive a mark of zero (F) on the assignment and may fail the course. Plagiarism may also result in dismissal from a program of study or the College.

YUKON FIRST NATIONS CORE COMPETENCY

Yukon College recognizes that a greater understanding and awareness of Yukon First Nations history, culture and journey towards self-determination will help to build positive relationships among all Yukon citizens. As a result, to graduate from ANY Yukon College program, you will be required to achieve core

competency in knowledge of Yukon First Nations. For details, please see www.yukoncollege.yk.ca/yfnccr.

ACADEMIC ACCOMMODATION

Reasonable accommodations are available for students requiring an academic accommodation to fully participate in this class. These accommodations are available for students with a documented disability, chronic condition or any other grounds specified in section 8.0 of the Yukon College Academic Regulations (available on the Yukon College website). It is the student's responsibility to seek these accommodations. If a student requires an academic accommodation, he/she should contact the Learning Assistance Centre (LAC) at (867) 668-8785 or lassist@yukoncollege.yk.ca.

COURSE OUTLINE

Please see your course page on YukonCollege.me (moodle site) for full breakdown of topics covered and assignment dates.

This tentative schedule is subject to change.

CLASS	DATE	TOPIC	Textbook Chapters / Readings	Homework / ASSIGNMENT	% of final	CUMULATIVE TOTAL
1	Sept. 6	Course Intro / What is Web Design? / Goal of Web Design				
2	Sept. 13	History of the Internet / How the Web Works / HTML Foundations / Text Elements	ch. 1	read about internet protocols		
3	Sept. 20	Review HTML Foundations / Text Elements / Lists / Links	ch. 2-3			
				Assignment 1 - 2 pg site with pg links &	10	10

				external link		
4	Sept. 27	Images File Structure <!-- Comments -->	ch. 4			
5	Oct. 4	Tables / Forms DIV & SPAN - Section structures FTP basics - getting your site online	ch. 6-8			
6	Oct. 11	Intro to CSS / Inline, Embedded, External stylesheets / colour and basic text styling	CH 8-10	Assignment 2 - Site with images / tables and DIVs / place online through FTP	20	30
MID POINT						
7	Oct. 18	More CSS - links, tables positioning	Ch. 10-12			
8	Oct. 25	Boxes and Typography	Ch. 12-14	Assignment 3 - add css to site on FTP	15	45
9	Nov. 1	Boxes and page layout				

		Intro Dreamweaver	Ch. 15-16			
10	Nov. 8	Boxes, Floats and Layout with CSS	Ch. 17	Assignment 4 - 2 column and 3 column pages		
					15	65
11	Nov. 15	HTML 5 Layouts /Multi-Column Layouts and Using a Grid System	960.gs	Assignment 5 - Column based site using 960/gs (depending on where we are at in the material)		
		Web Design principals (fluid vs. Fixed) and				
12	Nov. 22	Using Code Snippets / Javascript			20	75
		Responsive Design		-or- using a bootstrap/grid based site template		
		Intro Wordpress				
13	Nov. 29	Wordpress				
		Muse		Assignment 6 (FINAL) - 2 column and 3 column pagesfinal uploaded site using all methods	20	100
		Site Optimization / Analytics / review				
14	Dec. 6					
FINAL				FINAL ASSIGNMENT DUE Dec. 12, 2017		

