YukonCollege

COURSE OUTLINE

MMC 112

WEB DESIGN (HTML & CSS FUNDAMENTALS)

45 **HOURS**
3 **CREDITS**

PREPARED BY: Jon Gelinas, Instructor   DATE: August 1, 2019
APPROVED BY: Stephen Mooney, A/Dean   DATE: August 26, 2019

APPROVED BY ACADEMIC COUNCIL: Click or tap to enter a date

RENEWED BY ACADEMIC COUNCIL: Click or tap to enter a date

The Course Outline Template is approved by the Academic Council on June 20, 2018

WEB DESIGN (HTML & CSS FUNDAMENTALS)

INSTRUCTOR: Jon Gelinas

OFFICE HOURS: Mon., Thurs.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   **TELEPHONE:** 867.668.8766

TIME: 1:00 – 4:00 p.m.

DATES: Wednesdays, September 4 – November 27, 2019

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.

PREREQUISITES
None

RELATED COURSE REQUIREMENTS
It is not required that you own a computer, however acquiring the appropriate hardware and course software are suggested for optimal learning. Students should purchase a USB flash drive or external hard drive to backup and transfer files to and from home or be prepared to utilize cloud storage options.

Access to a camera and/or original, digital photographic images will be crucial in completing assignments in this course. Cameras on mobile phones are an acceptable option. If you do not have a camera, there are some available to borrow through the Multimedia Communication program or the Learning Commons.

Students should be comfortable working on a computer as the majority of assignments will be created and delivered digitally.

EQUIVALENCY OR 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.

COURSE 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.

ASSESSMENTS:

Attendance & Participation
Regular attendance and participation are expected. The class often involves discussion and in-class projects to demonstrate and reinforce the concepts covered.

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.

Missed deadlines and presentations will need to be granted an extension or rescheduled at least 1 week prior to the date.

Student are expected to review topics, readings and videos prior to class as outlined in the syllabus.

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

Students are given assignments after several classes to demonstrate their understanding of material covered during formal delivery. Assignment are delivered through online platforms and are often supported by presentations, discussions and critiques. The assignment schedule will be available through the course page once classes begin.

Tests
Quizzes will be given periodically through the term to help ensure that crucial course material has completed and understood.

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 & Quizzes	80
Final Project	20
Total	100%

REQUIRED TEXTBOOKS AND MATERIALS
No textbook is 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 current Academic Regulations that are posted on the Student Services/ Admissions & Registration web page.

PLAGIARISM

Plagiarism is a serious academic offence. Plagiarism occurs when a student submits work for credit that includes the words, ideas, or data of others, without citing the source from which the material is taken. Plagiarism can be the deliberate use of a whole piece of work, but more frequently it occurs when students fail to acknowledge and document sources from which they have taken material according to an accepted manuscript style (e.g., APA, CSE, MLA, etc.). Students may use sources which are public domain or licensed under Creative Commons; however, academic documentation standards must still be followed. Except with explicit permission of the instructor, resubmitting work 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): lac@yukoncollege.yk.ca.

TOPIC 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	TOPICS
1	Sept. 4	Course Intro / What is Web Design? / Goal of Web Design / Types of Websites
		CMS and Blogs
2	Sept. 11	Computing fundamentals / bits, bytes and binary
		History of the Internet / How the Web Works / Protocols and Standards
		HTML Foundations - Structural and Semantic Elements
		<!doctype>
3	Sept. 18	Review HTML Foundations / Text Elements / Lists / Links
		Hyperlinks
4	Sept. 25	Images
		File Structure
		<!-- Comments -->
5	Oct. 2	Tables / Forms
		DIV & SPAN - Section structures
		Embed video / audio / maps / iframes
		FTP basics - getting your site online
6	Oct. 9	
		Intro to CSS / Inline, Embedded, External stylesheets / colour and basic text styling

7	Oct. 16	More CSS - links, tables
	(short week - Monday Oct. 14 Thanksgiving Holiday)	Intro Dreamweaver
		MID POINT
8	Oct. 23	Boxes and Typography
		positioning
9	Oct. 30	Boxes and page layout
10	Nov. 6	Boxes, Floats and Layout with CSS
		Using images with CSS
11	Nov. 13	HTML 5 Layouts /Multi-Column Layouts and Using a Grid System
	(short week - Monday Nov. 11 Rememberance Day Holiday)	Web Design principals (fluid vs. Fixed)
12	Nov. 20	Using Code Snippets / Javascript
		Responsive Design
		Intro Wordpress.org
13	Nov. 27	Wordpress
		Muse / Webflow / UX
		Site Optimization / Analytics