APPLIED COMPUTER SCIENCE

Course Number: ACS-1809-001
Course Name: Website Design and Development

Instructor Information
Instructor: Philemon Pak
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Office: 3C08B
Office Hours: Wednesday: 13:30 pm – 14:30 pm
Classroom: 2M72
Class Time: Monday and Wednesday: 10:00 am – 12:00 pm
Note: All class time and office hours will be posted on the Nexus course calendar.
Course Web Page: https://nexus.uwinnipeg.ca/d2l/home/45186

Important Dates
First Class: May 2, 2022
Midterm Exam: May 30, 2022
Mid-term Break: May 31, 2022 (No Classes)
Final Withdrawal Date w/o academic penalty: June 14, 2022
(A minimum of 20% of the work on which the final grade is based will be evaluated and available to the student before the voluntary withdrawal date)
Last Class: June 27, 2022
Final Exam: ***TBD***
University closures: Victoria Day   May 23, 2022

Course Objectives/Learning Outcomes

This course introduces students with the concepts and tools related to website design and development. The topics include website layouts, creating tables, frames, and forms, presenting multimedia on web pages, and hosting websites on Internet. Students will gain hand-on experience of design and developing websites.

The course focus is on HTML and CSS, therefore please refrain from including any scripting language e.g., JavaScript, in the assignments and project. No extra marks will be given and script maybe subject to removal.

Evaluation Criteria For ACS-1809 Students

Assignments: 15%
- There will be 3 assignments. Each assignment will be worth 5% making the total to be 15% of the overall course final grade.
- Due at 11:59:59 pm on the assignment indicated due date.
- No late or handwritten assignment will be accepted. Only under special circumstances e.g., medical, death in a family, etc., and subject to approval before late assignment will be accepted with a 20% penalty off for each late day.
- Assignments are to be submitted through Nexus. Written assignments should be in PDF (Portable Document Format) only and for web assignment that has HTML, CSS and any supporting files, they are to be Zip before uploading.
- All students must abide by the HTML/CSS coding standard as outline in the **HTML/CSS Coding Standard Use in the Course** section when working on their HTML/CSS assignment and group project.
- When submitting your assignment files, please name the file with your name, student ID and the assignment number, e.g., *John Doe – 12345 – Assignment 1*. So, for PDF file it should be *John Doe – 12345 – Assignment 1.pdf* or a Zip file it should be *John Doe – 12345 – Assignment 1.zip.*
- Assignments that do not meet all the requirements, including those for the submissions, may not be accepted or a portion of the marks will be deducted. Marks will be deducted for not following the file submission format, file naming format and instruction in the assignment.
- **Problem solving and HTML/CSS coding assignments could be very time consuming.** So please start early. Students are responsible for maintaining backups of their work. Students are responsible to review their assignments before submission to make sure the correct files are submitted. All assignments are to be completed individually.
- Multiple submissions are permitted but will only be accepting the last submission as official final and be marked. Students may submit a partially completed assignment and will receive credit for those attempted problems. Students are responsible for backing up and protecting their assignment work.

Project: 15%
- Details of project will be provided in class later.
- Please refer to the section on HTML/CSS coding standard when coding your project.

Midterm Exam: 20%
- During regular class time.

Final Exam: 50%
- The final exam covers all material discussed in the course.

Note: *Students should contact the instructor as soon as possible* if extenuating circumstances require missing an assignment, test, or examination. A medical certificate from a practicing physician may be required before any adjustments are considered.

HTML/CSS Coding Standard Use in this Course

We have set HTML/CSS code standards that a student needs to abide by in the course. These standards are aims to improving collaboration, code quality, and readability. It applies to raw, working files that use HTML and CSS. They also assist the instructor in evaluate your work and determine your progress in the course with respect to the course material. If any student deviate from the standard, marks will be deducted and to some extend no marks will be given on the work that the student handed in.

The course standard is generally based on the Google HTML/CSS Style Guide (https://google.github.io/styleguide/htmlcssguide.html) and therefore please ensure you read and have a full understand of the standard outlined. In addition to the Guide, a few added standards are being defined specifically for this course. They are:

- The use of a HTML/CSS template is prohibited except those created by yourself or in the course sample code. A template is a large block of HTML/CSS code that is pre-designed/pre-built, in which anyone can add in their own content (text, images, etc.) to create a website/page.
- You code should not contain EXCESSIVE use of elements/properties that have not been discussed yet in this course, EXCESSIVE use of skills/techniques that are beyond the topics in this course (like scripting language), OR a considerable number of code blocks that are defined but not actually being used in the web pages/website.

Any violation of the above standards will have marks deducted for coding inefficiency. This is to ensure the goal of the course is achieve and students learn to build a good solid foundation for web development and HTML/CSS fundamental.

Required Textbook(s)/Reading List

HTML. A beginner's guide
Wendy Willard
5th Edition, 2013
McGraw-Hill Osborne Media
ISBN: 9780071809276

There may be additional reading materials that will be provided in class.

Class notes and notices will be posted on the course website. Students are responsible for material covered in class and announcements made in class.

Course Material To Be Covered (Tentative)

1. Introduction
2. Basic page structures
3. Color, text, links, images
4. Lists, forms, and tables
5. Cascading Style Sheets
6. Advanced Page Structures
7. Multimedia (as time permits)

Note that all topics listed may not be covered and may be offered in a slightly different time order.

A permitted or necessary change in mode of delivery may require adjustments to important aspects of course outlines, like class schedule and the number, nature, and weighting of assignments and/or exams.

Letter Grade Assignment

Historically, numerical percentages have been converted to letter grades using the following scale. However, instructors can deviate from these values based on pedagogical nuances of a particular class, and final grades are subject to approval by the Department Review Committee.

A+	90+ - 100%	B+	75 - 79%	C	60 - 64%
A	85 - 90%	B	70 - 74%	D	50 - 59%
A-	80 - 84%	C+	65 - 69%	F	below 50%

Test/Exam Requirements

- Photo ID is required for the midterm test and final exam.
- The use of computers, calculators, phones, or other electronic devices is not permitted during exams.
- Midterm and final exams are closed book.

Students with documented disabilities, temporary or chronic medical conditions, requiring academic accommodations for tests/exams (e.g., private space) or during lectures/laboratories (e.g., note-takers) are encouraged to contact Accessibility Services (AS) at 204-786-9771 or accessibilityservices@uwinnipeg.ca to discuss appropriate options. All information about a student's disability or medical condition remains confidential. https://www.uwinnipeg.ca/accessibility-services.

Students may choose not to attend classes or write examinations on holy days of their religion, but they must notify their instructors at least two weeks in advance. Instructors will then

provide opportunity for students to make up work examinations without penalty. A list of religious holidays can be found in the 2020-21 Undergraduate Academic Calendar online at http://uwinnipeg.ca/academics/calendar/docs/important-notes.pdf

Prerequisite and Restriction Information*

(This information can be found in the UW General calendar)

None.

Though students are expected to be capable of perform basic computer operations (understand and manipulate folders, copy/paste files/contents, etc.) and using the Internet (especially using web browser).

Regulations, Policies, and Academic Integrity

Academic dishonesty is a very serious offense and will be dealt in accordance with the University's policies.

Avoiding Academic Misconduct: Students are encouraged to familiarize themselves with the Academic Regulations and Policies found in the University Academic Calendar at: https://uwinnipeg.ca/academics/calendar/docs/regulationsandpolicies.pdf
Particular attention should be given to subsections 8 (Student Discipline), 9 (Senate Appeals) and 10 (Grade Appeals). Please note, in particular, the subsection of Student Discipline pertaining to plagiarism and other forms of cheating.

Detailed information can be found at the following:

- Academic Misconduct Policy and Procedures: https://www.uwinnipeg.ca/institutional-analysis/docs/policies/academic-misconduct-policy.pdf and https://www.uwinnipeg.ca/institutional-analysis/docs/policies/academic-misconduct-procedures.pdf
- UW Library video tutorial "Avoiding Plagiarism" https://www.youtube.com/watch?v=UvFdxRU9a8g

Uploading essays and other assignments to essay vendor or trader sites (filesharing sites that are known providers of essays for use by others who submit them to instructors as their own work) involves "aiding and abetting" plagiarism. Students who do this can be charged with Academic Misconduct.

Non-academic misconduct. Students are expected to conduct themselves in a respectful manner on campus and in the learning environment irrespective of platform being used. Behaviour, communication, or acts that are inconsistent with a number of UW policies could be considered "non-academic" misconduct. More detailed information can be found here:

- Respectful Working and Learning Environment Policy
  https://www.uwinnipeg.ca/respect/respect-policy.html,
- Acceptable Use of Information Technology Policy
  https://www.uwinnipeg.ca/institutional-analysis/docs/policies/acceptable-use-of-information-technology-policy.pdf
- Non-Academic Misconduct Policy and Procedures: https://www.uwinnipeg.ca/institutional-analysis/docs/student-non-academic-misconduct-policy.pdf and
  https://www.uwinnipeg.ca/institutional-analysis/docs/student-non-academic-misconduct-procedures.pdf.

Copyright and Intellectual Property. Course materials are the property of the instructor who developed them. Examples of such materials are course outlines, assignment descriptions, lecture notes, test questions, and presentation slides—irrespective of format. Students who upload these materials to filesharing sites, or in any other way share these materials with others outside the class without prior permission of the instructor/presenter, are in violation of copyright law and University policy. Students must also seek prior permission of the instructor/presenter before, for example, photographing, recording, or taking screenshots of slides, presentations, lectures, and notes on the board. Students found to be in violation of an instructor's intellectual property rights could face serious consequences pursuant to the Academic Misconduct or Non-Academic Misconduct Policy; such consequences could possibly involve legal sanction under the Copyright Policy
https://copyright.uwinnipeg.ca/docs/copyright_policy_2017.pdf

Mask Protocol

The UWinnipeg has extended the mask mandate until June 30. This mask mandate applies to all students, staff, faculty, contractors, and visitors. Exemptions will be made for individuals who require medical accommodation.

Facemasks must be worn when in the presence of others and in common indoor areas and shared spaces. This includes (but is not limited to) hallways, classrooms, laboratories, meeting rooms, lobbies, washrooms, parking garages, stairways, elevators, and common spaces in residence.

More information:
https://news.uwinnipeg.ca/mask-mandate-extended-to-june-30/
https://www.uwinnipeg.ca/covid-19/docs/uwinnipeg-mask-mandate-2021-08-24-epp-approved.pdf

Student Wellness

The University of Winnipeg affirms the importance of student mental health and our commitment to providing accessible, culturally appropriate, and effective services for students. Students who are seeking mental health supports are encouraged to reach out to the Wellness Centre at studentwellness@uwinnipeg.ca or 204.988.7611. For community-based mental health resources and supports, students are encouraged to dial 2-1-1. This program of United Way is available 24/7 in 150 languages.

Privacy

Students have rights in relation of the collecting of personal data the University of Winnipeg: https://www.uwinnipeg.ca/privacy/admissions-privacy-notice.html.

More information:

- Zoom and Privacy: https://www.uwinnipeg.ca/privacy/zoom-privacy-notice.html
- Testing/Proctoring: https://www.uwinnipeg.ca/privacy/zoom-test-and-exam-proctoring.html.

Email Communication Requirements, Class Cancellation, Correspondence from and with Students and Withdrawing from Course

Emails from accounts at uwinnipeg.ca are usually not filtered by the UofW email filter. Thereby it is strongly recommended electronic communication used for the course utilize a UofW email account to minimize the risk of filtering. The use of an external email address maybe blocked and filtered by the anti-spam system, e.g., Gmail.

When emailing the instructor, you are to use the **UofW Webmail system**, i.e., *webmail.uwinnipeg.ca* to communicate with the instructor. **Do not** use the Nexus email system, i.e., mail.nexus.uwinnipeg.ca, Nexus mailbox are not monitored on a regular basis.

The email sent to the instructor must include your full name, your student #, and the COURSE # and SECTION # (like ACS-1809-001) in the subject line of your email. A respectful manner is also expected in the email communications.

When it is necessary to cancel a class due to exceptional circumstances, the course instructor will make every effort to inform students via UofWinnipeg Webmail system.

Students are reminded that they have a responsibility to regularly check their uwinnipeg e-mail addresses to ensure timely receipt of correspondence from the University and/or the course instructor.

Please let course instructor know if you plan on withdrawing from the course. Note that withdrawing before the VW date does not necessarily result in a fee refund.