



# THE UNIVERSITY OF WINNIPEG

## APPLIED COMPUTER SCIENCE

**Course Number:** ACS-1809-002

**Course Name:** Web Design and Development

### Instructor Information

**Instructor:** Professor James Deng

**E-mail:** jdeng@uwinnipeg.ca

**Class Time:** Tuesday Thursday: 13:00 – 14:15 via Zoom

**Office Hours:** Tuesday Thursday: 14:30 – 15:30 via Zoom

**Course Web Page:** On Nexus

Besides class time and office hours, students are also welcome to use email to communicate with the instructor. However, when sending email, **students are required to make sure their emails meet the requirements as defined in the section Email Communication.**

### Important Dates

First Class: Tuesday, September 8, 2020

Fall Reading Week: October 11-17, 2020 (no classes)

Midterm test: Thursday, October 22, 2020

Final Withdrawal Date without academic penalty: November 17

(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: Thursday, December 3

Final Exam: TBA

The University is closed for holidays: September 7 (Labor Day), October 12 (Thanksgiving Day), November 11 (Remembrance Day), and December 24-January 4 (December break).

### 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 in 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 may be subject to removal.

## Remote Learning

All course material, including lecture notes, slides, sample code, videos, assignment, and projects will be available on Nexus.

Lectures will be delivered live during the scheduled times via Zoom. No recordings will be posted or permitted.

- Students must display their real/full name
- Use of video is optional
- Participants must be muted when not speaking
- Students may interact via chat, voice or gestures

Students can find answers to frequently asked questions related to remote learning here: <https://www.uwinnipeg.ca/covid-19/remote-learning-faq.html>.

Note: 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

## Evaluation Criteria

1. Assignments (10%) - Three assignments will be given to the students (3% for each). **Late assignments will not be accepted. 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. No handwritten assignment will be accepted.** The details of submission procedure will be stated in each assignment. . Problem solving and programming 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.**
2. Project: (15 %) - The details of the project will be announced later.
3. Midterm Test: (25 %)
4. 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.

## Exam Requirements

- Photo ID is required for the final exam.

- Midterm and final exams will be delivered via Nexus. Students must have video capability and be prepared to present their student ID.
- During midterm and final students are permitted to view only the following authorized course material:
  - Class notes, slides, recordings, sample code, assignment descriptions and solutions posted by the instructor
  - Course textbook
  - Student's own course notes and assignment submissions
- Students may use an external tool such as a text editor or IDE to write answers to questions before entering them into the exam
- Students may contact the instructor to ask questions
- External resources (or any material not listed above) are NOT PERMITTED
- External website other than Nexus during midterm and final exam are NOT PERMITTED
- Communication with others (except the instructor) is NOT PERMITTED
- All work must be entirely the students' own. Collaboration or sharing of work is NOT PERMITTED.

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](mailto: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 2019-20 Undergraduate Academic Calendar online at

<http://uwinnipeg.ca/academics/calendar/docs/important-notes.pdf>

## Email Communication

Emails from accounts at uwinnipeg.ca are usually not filtered by the UofW email filter. Thereby it is recommended electronic communication used for the course utilize a UofW email account to minimize the risk of filtering.

The email sent to the instructor **must include your full name, your student#, and the COURSE# WITH YOUR COURSE SECTION# (like ACS-1809-003) in the subject line** of your email. If your email address already includes your name (like in UW's webmail) then you can skip typing your name there. A respectful manner is also expected in the email communications.

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

## Required Text

HTML A beginners guide, 5th edition, Wendy Willard, ISBN **978-0071809276**

Students are also responsible for all the contents covered during the class that are out of the text book.

## Prerequisite Information

(This information can be found in the UW Undergraduate Academic calendar)

None

## 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](https://copyright.uwinnipeg.ca/docs/copyright_policy_2017.pdf)

## **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>.
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## **Class Cancellation, Correspondence with Students and Withdrawing from Course**

When it is necessary to cancel a class due to exceptional circumstances, the course instructor will make every effort to inform students via uwinnipeg email and Nexus.

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.

### **Topics to be covered (Tentative)**

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