



THE UNIVERSITY OF WINNIPEG

APPLIED COMPUTER SCIENCE

Course Number: ACS-1809-001

Course Name: Web Design and Development

Course Webpage: <http://courses.acs.uwinnipeg.ca/1809-001/>

Instructor Information

Instructor: James Deng
E-mail: j.deng@uwinnipeg.ca
Office: 3D17
Office Hours: Tue/Thu 3:00-4:00 pm

Class meeting time: Tue/Thu 10:00-11:15 am
Class Room: 1M28

Important Dates

1. First Class: Tuesday, September 3, 2019
2. Midterm Test: Thursday, October 10 (in class)
3. Reading Week (no classes): October 13-19, 2019
4. Final Withdrawal Date w/o academic penalty*: Tuesday, November 12, 2019
5. Last Class: Thursday, November 28, 2019
6. Final Exam (Comprehensive): Wed, December 11, 2019 1:30-4:30pm
<http://www.uwinnipeg.ca/exam-schedules/index.html>
7. University closures: Thanksgiving Monday, October 14, 2019
Remembrance Day Monday, November 11, 2019

*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.

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.

Evaluation Criteria

1. Assignments (9%)

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 (21%)

The details of the project will be announced later.

3. Midterm Test (25%)

Closed-book in-class midterm exam.

4. Final Exam (45%)

Closed-book final exam. 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.

The focus of course focuses 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 may be subject to removal.

Test / Exam Requirements

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

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-1809-002) 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+	75 – 79%	C	60 – 64%
A	85 – 89 %	B	70 – 74%	D	50 – 59%
A-	80 – 84%	C+	65 – 69%	F	below 50%

Required Text Book / Reading List

- HTML A beginners guide, 5th edition, Wendy Willard, ISBN 978-0071809276
- Students are also responsible for all the contents covered during the class and announcements made in class.
- Class Notes will be available at <http://courses.acs.uwinnipeg.ca/1809-001/>

Prerequisite Information

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

None

Services for Students

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 2019-20 Undergraduate Academic Calendar online at <http://uwinnipeg.ca/academics/calendar/docs/important-notes.pdf>

All students, faculty and staff have the right to participate, learn, and work in an environment that is free of harassment and discrimination. The UW Respectful Working and Learning Environment Policy may be found online at <https://www.uwinnipeg.ca/respect>.

Misuse of Computer Facilities, Plagiarism, and Cheating

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

Avoiding Academic Misconduct and Non-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>
- 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>

Misuse of Filesharing Sites. 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.

Avoiding Copyright Violation. Course materials are owned by the instructor who developed them. Examples of such materials are course outlines, assignment descriptions, lecture notes, test questions, and presentation slides. 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 photographing or recording slides, presentations, lectures, and notes on the board.

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/or using the preferred form of communication, as designated in this outline), as well as the Departmental Assistant and Chair/Dean so that class cancellation forms can be posted outside classrooms.

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
5. Cascading Style Sheets
6. Advanced Page Structures
7. Multimedia (as time permits)