



# THE UNIVERSITY OF WINNIPEG

## APPLIED COMPUTER SCIENCE

**Course Number:** ACS-1809-004

**Course Name:** Web Design and Development

### Instructor Information

**Instructor:** Professor James Deng

**E-mail:** [jdeng@uwinnipeg.ca](mailto:jdeng@uwinnipeg.ca)

**Class Time:** Tuesday Thursday: 14:30 – 15:45 Room No.: 3D01

**Office Hours:** Tuesday Thursday: 13:20 – 14:20 Room No.: 3D17

**Course Web Page:** <http://courses.acs.uwinnipeg.ca/1809-003>

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

1. **First Class:** Jan. 7, 2020
2. **Reading Week (No Classes):** February 16-22, 2020
3. **Last Class:** April 2, 2020
4. **Midterm Test:** February 13, 2020 in class
5. **Final Withdrawal Date w/o academic penalty:** March 13, 2020  
(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)
6. **Final Exam:** April 14, 2020 18:00– 21:00  
<http://www.uwinnipeg.ca/exam-schedules/index.html>
7. University closures: Louis Riel Day, Monday, February 17, 2020; Good Friday, Friday, April 10, 2020

### 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 %)
4. Final Exam (45%)  
The final exam covers all material discussed in the course.

## Exam Requirements

Photo ID at exam is required. No electronic devices (e.g. cell/smart phones, laptops, scientific calculators, translators, etc.) are permitted during midterm and final exams. Midterm and final exams are closed-book. Unless a medical certificate is provided, no accommodation is made for missed test or final exam. If you cannot make it to the midterm test and/or final exam you should inform your instructor ASAP.

## 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

## 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](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 2020-20 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>.

## Misuses 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
6. Cascading Style Sheets
7. Advanced Page Structures
8. Multimedia (as time permits)