



# THE UNIVERSITY OF WINNIPEG

## APPLIED COMPUTER SCIENCE

**Course Number:** ACS-1809-002  
**Course Name:** Web Design and Development

### **Instructor Information**

**Instructor:** Prof. James Deng  
**Office:** 3D17  
**E-mail:** jdeng@uwinnipeg.ca  
**Office Hours:** Tuesday: 10:00 - 11:00, Thursday: 15:45 - 16:45. Other time by email appointment only. Room: 3D17  
**Class Time:** Tuesday, Thursday: 14:30 – 15:45 Room No.: 3D01  
**Course Web Page:** <http://courses.acs.uwinnipeg.ca/1809-002>

### **Important Dates**

1. **First Class:** September 4, 2018
2. **Mid-term Reading Week:** October 7-13, 2018 (no classes)
3. **Last Class:** November 29, 2018
4. **Midterm Test:** October 18, 2018 in class
5. **Final Withdrawal Date w/o academic penalty:** November 12, 2018 (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:** 9:00 – 12:00 December 5, 2018. Location: TBD

### **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 (16%)** - Four assignments will be given to the students. Late assignments will not be accepted. Assignments are equally weighted. All questions must be answered using a word processor. 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 attached to the email. **All assignments are to be completed individually.**

2. Project: (19 %) - The details of the project will be announced later.
3. Midterm Test: (25 %) - The midterm test is during class time.
4. Final Exam (40 %) - The final exam covers all material discussed in the course. Photo ID at exam is required. No electronic devices (e.g. cell/smart phone, laptop, 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.

## **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%		

## **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 and student # in your email, as well as and COURSE # (WITH THE SECTION #, like ACS-1809-002) in the subject line of your email.** A respectful manner is also expected in the email communications.

## **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 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 <http://www.uwinnipeg.ca/accessibility> .

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 2018-19 Undergraduate Academic Calendar.

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 [www.uwinnipeg.ca/respect](http://www.uwinnipeg.ca/respect) .

## **Required Text**

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

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

The course web page is: <http://courses.acs.uwinnipeg.ca/1809-002>.

## **Prerequisite Information**

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

None.

## **Misuse of Computer Facilities, Plagiarism, and Cheating**

Academic dishonesty is a very serious offense and will be dealt with in accordance with the University's policies. Be sure that you have read and understood Regulations & Policies #8, in the 2018-2019 UW Undergraduate Academic Calendar available at

<http://uwinnipeg.ca/academics/calendar/docs/regulationsandpolicies.pdf> and the UW academic misconduct policy available at

<http://pace.uwinnipegcourses.ca/sites/default/files/pdfs/publications/Academic%20Misconduct%20Policy.pdf>

Additional information is available at University of Winnipeg library video tutorial "Avoiding Plagiarism" <https://www.youtube.com/watch?v=UvFdxRU9a8g>

## **Additional Course Related Information**

1. When it is necessary to cancel a class due to exceptional circumstances, instructors 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.
2. Students are reminded that they have a responsibility to regularly check their uwinnipeg e-mail addresses (and/or using the preferred form of communication, as designated in this outline) to ensure timely receipt of correspondence from the university and/or their course instructors.
3. Please note that withdrawing before the VW date does not necessarily result in a fee refund (November 12 is VW date for classes that begin in September and end in December).
4. No make-up classes scheduled,
5. No classes:  
October 7-13, 2018 Mid-term reading week  
November 11, 2018 Remembrance Day

6. *Avoiding Academic Misconduct.* 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.
  
7. *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.

### **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)
9. Beyond HTML (as time permits)