



# THE UNIVERSITY OF WINNIPEG

## APPLIED COMPUTER SCIENCE

**Course Number:** ACS-1809-003  
**Course Name:** Web Design and Development

### 1 Instructor Information

**Instructor:** James Deng  
**E-mail:** jdeng@uwinnipeg.ca  
**Office Hours:** Monday, Wednesday: 13:30 - 14:30 Room No.: 3D17  
**Class Time:** Monday, Wednesday: 14:30 - 15:45 Room No.: 3D01

### 2 Important Dates

1. **First Class:** January 6, 2016
2. **Last Class:** April 4, 2016
3. **Midterm Test:** February 10, 2015 in class
4. **Final Withdrawal Date w/o academic penalty:** March 1, 2015
5. **Final Exam:** April 14, 2016 Room No.: TBA

### 3 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.

### 4 Evaluation Criteria

1. **Assignments (15%)** - Five 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.
2. **Project: (20 %)** - The details of the project will be announced later.
3. **Midterm Test: (25 %)**
4. **Final Exam (40 %)**

Note: Unless a medical certificate is provided, no accommodation is made for missed tests 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%		

## **5 Exam Requirements**

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 facing a charge of academic or non-academic misconduct may choose to contact the University of Winnipeg Students' Association (UWSA) where a student advocate will be available to answer any questions about the process, help with building a case, and ensuring students have access to support. For more information or to schedule an appointment, visit our website at [www.theuwsa.ca/academic-advocacy](http://www.theuwsa.ca/academic-advocacy) or call 204-786-9780.

We ask that you please be respectful of the needs of classmates and instructors/professors by avoiding the use of unnecessary scented products while attending lectures. Exposure to scented products can trigger serious health reactions in persons with asthma, allergies, migraines or chemical sensitivities. Please consider using unscented necessary products and avoiding unnecessary products that are scented (e.g. perfume).

## **6 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://www.acs.uwinnipeg.ca/1809-003>.

## **7 Prerequisite Information**

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

None.

## **8 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, starting on page 26, in the 2014-2015 UW Course Calendar.

## **9 Topics to be covered**

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)