



# THE UNIVERSITY OF WINNIPEG

## APPLIED COMPUTER SCIENCE

**Course Number: ACS-1809-050**

**Course Name: Web Design and Development**

### **Instructor Information**

**Instructor:** Philemon Pak

**Office:** 3C07

**E-mail:** p.pak@uwinnipeg.ca

**Office Hours:** Mon 14:30 - 15:30

**Class Meeting Time:** Mon: 18:00 – 21:00

**Room No:** 3D01

**Course Web Page:** <https://courses.acs.uwinnipeg.ca/1809-050>

### **Important Dates**

First Class:	Sep 9, 2019
Reading Week (No Classes):	Oct 13 – Oct 19, 2019
Midterm Exam:	Oct 21, 2019 (First Half of Class- Close Book)
Remembrance Day (No Class):	Nov 11, 2019
Final Withdrawal Date w/o academic penalty:	Nov 12, 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)

Last Class:	Dec 3, 2019
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Final Exam:	Dec 16, 2019 18:00 – 21:00
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### **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 For ACS-1809 Students**

### ***Assignments: 9%***

- There will be 3 assignments worth 3% each.
- Due at 11:59:59 pm on due date.
- No late or handwritten assignment will be accepted, and only under special circumstances e.g. medical, death in a family, and etc. Circumstances are subject to approval before late assignment will be accepted and with a 20% penalty off for each late day.
- Assignments are to be submitting by email. Written assignments should be in PDF (Portable Document Format) only and for web assignment that has HTML, CSS and any supporting files, they are to be Zip.
- All assignments are to be sent to a designated course email account. The email account will be given once it is determine and setup.
- When sending the assignment files, please name the file with your name, student ID and the assignment number, e.g. John Doe – 12345 – Assignment 1. Same for both PDF and Zip file. And the subject line should have the course number, section number and assignment no, i.e. ACS-1809-050 Assignment 1.
- 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. Marks will be deducted for not following the file submission format, file naming format and instruction in the 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.
- Multiple submissions are not permitted. Students may submit a partially completed assignment, and will receive credit for those attempted problems.

### ***Project: 21%***

- Details of project will be announced on the first day of class.

### ***Midterm Exam: 25%***

- Closed-book in-class midterm exam.

### ***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 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 maybe subject to removal.

### **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 - 90%	B	70 - 74%	D	50 - 59%
A-	80 - 84%	C+	65 - 69%	F	below 50%

### **Test/Exam Requirements**

- Photo ID at exam is required.
- You are expected to write the test/exam on its given day.
- No electronic devices (e.g. cell/smart phone, laptop, scientific calculators, translators, etc.) are permitted.
- Midterm and final exams are closed-book.
- Simple calculators can be used though. Simple calculators are subjected to test and can be denied use at mid-term test and final examination times.
- Unless a medical certificate is provided, no accommodation is made for missed exams.

### **Prerequisite and Restriction Information**\*

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

None.

\*Make sure that you have the necessary prerequisites to take this course. If you have not successfully completed the above listed course(s), it is in your interest to go to student registration office and officially drop the course.

### **Email Communication Requirements**

- 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.

## **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 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.

## **Required Text Book(s)/Reading List**

### **HTML. A beginners guide**

Wendy Willard

5th Edition, 2013

McGraw-Hill Osborne Media

ISBN: 9780071809276

And any additional reading materials that will be provided in class.

Class notes and notices will be posted on the course website. Students are responsible for material covered in class and announcements made in class.

## **Course Outline (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)

Note that all topics listed may not be covered and may be offered in a slightly different time order.

## **Additional Course Related Information**

- 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
- 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
- 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.
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  - November 12 is final VW date for classes that begin in September and ends December 2nd
- Make-up classes scheduled:
  - December 3 for November 11 Remembrance Day
- No classes:
  - October 14 – October 18 - Reading Week – No Classes
  - November 11 Remembrance day - University closed – No Class