

APPLIED COMPUTER SCIENCE

Course Number:ACS-3907-001Course Name:e-CommerceCourse Website:http://courses.acs.uwinnipeg.ca/3907-001/ + Nexus

Instructor Information

Instructor:	Kerry Augustine	E-mail: <u>k.augustine@uwinnipeg.ca</u>
Office Hours:	Monday, by appointment	12:00PM – 1:00PM via Zoom
Class Time:	Monday + Wednesday,	4:00PM - 5:15PM via Zoom

Important Dates

1.	. First Class:		Wednesday, September 8, 2021		
2.	2. Reading Week (no classes):		October 10 - 16, 2021		
3.	8. Project Proposal:		Wednesday, October 6, 2021		
4.	. Midterm Exam:		Monday, October 18, 2021		
5.	Final Withdrawal Date w/o academic penalty*: Tuesday, November 16, 2021				
6.	Last Class/ Final Proj	ect Proposal	Monday, December 6, 2021		
7.	Final Exam (Comprel	nensive):	TBD		
8.	University closures:	Truth and Reconciliation D	ay Thursday, September 30, 2021		
		Thanksgiving	Monday, October 10, 2021		
		Remembrance Day	Thursday, November 11, 2021		

*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.

[See <u>https://www.uwinnipeg.ca/academics/calendar/docs/dates.pdf</u> for all dates]

Course Objectives / Learning Outcomes

- Understand the innovations in business concepts and models made possible / necessary by ecommerce
- Understand the technological foundations that make e-commerce possible.
- Understand the operational foundations of business to consumer and business to business ecommerce.
- Appreciate examples of successful e-commerce ventures and business models.
- Develop and present a detailed preliminary plan and model for a proposed B2C e-business that could operate on the Internet out of Winnipeg.
- Develop a prototype (storyboard style) of a website based on the proposed e-business plan.

Remote Learning

All course material including lecture notes, slides, videos, and assignments details will be available on Nexus. Class times are reserved for further discussion and Q&A. Therefore, students are encouraged to read posted lectures notes/slides ahead of the class so as to be able to participate in meaningful discussion during class meetings.

Students must be available via Zoom during the lecture times.

- Students must display their real/full name
- Use of Video is optional but students might be required to turn on video when necessary.
- Participants must be muted when not speaking
- Students may interact via chat, voice or gestures

<u>Students can find answers to frequently asked questions related to remote learning here:</u> <u>https://www.uwinnipeg.ca/covid-19/remote-learning-faq.html.</u>

A permitted or necessary change in mode of delivery may require adjustments to important aspects of course outlines, like class schedule, and number, nature, and weighting of assignments and/or exams.

Evaluation Criteria

1. Assignments (10%)

- There will be two (2) Assignments, worth 5% each.
- Individual due dates of assignments will be posted to Nexus.

Assignments Submission:

All assignments are due 11:59PM on the due date and are to be submitted electronically via Nexus. As a rule, students **WILL NOT** be able to submit their assignments **LATE** on Nexus, unless they have received an approval to do so before the due date. Student are required to submit documented extenuating circumstances, such as a medical situation, that prevented the timely completion of their work. Students can upload their assignments as either a **PDF** file or in **Microsoft Word** format. Further details and submission procedures will be posted on Nexus.

Students are responsible for backing up and protecting their assignments. Keep a backup copy of all class work in case there is an error in recording of marks by the instructor.

2. Team Project (20%)

- Business solution proposal includes website prototype for a proposed B2C e-business.
- Project details including format, content, deliverable descriptions will be posted to Nexus.
- Teams will be assigned by the instructor and posted to Nexus.
 - Project Proposal due *Wednesday, October 6 (5%)*
 - Final Report due Monday, December 6, 2021 (15%)

3. Midterm Exam (20%) – Monday, October 18, 2021

- Online exam to be held during the regular class time.
- Missed exam will receive a mark of zero, unless a medical certificate is provided, no accommodation is made for missed exams.

4. Online Participation/Group Discussion (10%):

- Students will be expected to read the Lesson notes ahead of the class.
- During class, students will be randomly distributed into virtual groups.
- The instructor will provide a relevant topic or guiding questions for students to discuss relating to the lesson of the day.
- Students will discuss the topic/question in their groups for about **10 12 minutes.** Students are encouraged to ask questions and share ideas during their group discussions.
- Students will be given about **5 7** minutes to write down their reflections/thoughts based on the discussions, class lectures, and their personal points of view in the group discussion forum on Nexus. Students will be given access to view their submissions and view other students' submissions after they have been posted and graded.
- Group discussion topics and content areas will be posted on Nexus for students to prepare in advance. Specific questions for each discussion forum will be posted during class.
- Students will be assessed and marked based on the quality of their submissions.
- Students will receive maximum of **1% mark** each week based on their participation in the online activities. This online participation marks could also have components of self-assessments or peer-grading.

5. Final Exam (40%) - TBD

- Online exam.
- Cumulative.
- 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 accommodation is considered.

Test / Exam Requirements

- Photo ID is required for the final exam.
- Midterm and final exams will be delivered via Nexus. Students must have video capability and be prepared to present their student ID.
- Midterm and final exams are **Closed** book.
- Students may contact the instructor to ask questions.
- Communication with others (except the instructor) is NOT PERMITTED.
- All work must be entirely the students' own. Collaboration or sharing of work is NOT PERMITTED.
- Students with documented disabilities, temporary or chronic medical conditions, requiring
 academic accommodations for tests/exams (e.g., private space) or during lectures (e.g., notetakers) 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. For further information, please
 visit 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 2021-22 Undergraduate Academic Calendar online at http://uwinnipeg.ca/academics/calendar/docs/important-notes.pdf

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%	С	60 – 64%
А	85 – 89 %	В	70 – 74%	D	50 – 59%
A-	80 – 84%	C+	65 – 69%	F	below 50%

Required Text Book / Reading List

- E-commerce: business, technology, society (15th edition), 2019, by Laudon and Traver, ISBN-10 0-13-499845-9 ISBN-13 978-0-13-4998456
- Additional Readings and Class Notes will be made available through the course website and on Nexus.

Prerequisite Information

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

- Prerequisite: A grade of at least C in ACS-1803 or permission of Chair.
- Co requisite: ACS-1809(3) or permission of Chair

Regulations, Policies, and Academic Integrity

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

Avoiding 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: <u>https://www.uwinnipeg.ca/institutional-analysis/docs/policies/academic-misconduct-policy.pdf</u> and <u>https://www.uwinnipeg.ca/institutional-analysis/docs/policies/academic-misconduct-procedures.pdf</u>
- UW Library video tutorial "Avoiding Plagiarism" <u>https://www.youtube.com/watch?v=UvFdxRU9a8g</u>

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.

Non-academic misconduct. Students are expected to conduct themselves in a respectful manner on campus and in the learning environment irrespective of platform being used. Behaviour, communication, or acts that are inconsistent with a number of UW policies could be considered "non-academic" misconduct. More detailed information can be found here:

- Respectful Working and Learning Environment Policy: <u>https://www.uwinnipeg.ca/respect/respect-policy.html</u>,
- Acceptable Use of Information Technology Policy: <u>https://www.uwinnipeg.ca/institutional-analysis/docs/policies/acceptable-use-of-information-technology-policy.pdf</u>
- 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-policy.pdf and https://www.uwinnipeg.ca/institutional-analysis/docs/student-non-academic-misconduct-procedures.pdf.

Copyright and Intellectual Property. Course materials are the property of the instructor who developed them. Examples of such materials are course outlines, assignment descriptions, lecture notes, test questions, and presentation slides—irrespective of format. 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, for example, photographing, recording, or taking screenshots of slides, presentations, lectures, and notes on the board. Students found to be in violation of an instructor's intellectual property rights could face serious consequences pursuant to the Academic Misconduct or Non-Academic Misconduct Policy; such consequences could possibly involve legal sanction under the Copyright Policy

https://copyright.uwinnipeg.ca/docs/copyright_policy_2017.pdf

<u>Privacy</u>

Students have rights in relation of the collecting of personal data the University of Winnipeg. <u>https://www.uwinnipeg.ca/privacy/admissions-privacy-notice.html</u>.

More information:

- Zoom and Privacy: <u>https://www.uwinnipeg.ca/privacy/zoom-privacy-notice.html</u>
- Testing/Proctoring: <u>https://www.uwinnipeg.ca/privacy/zoom-test-and-exam-proctoring.html</u>.

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 Nexus.

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 list)

1. Overview of electronic commerce: definitions, history, types of e-commerce

2. Business Foundations of e-commerce

- Innovations in business / economic models (B2C and B2B)
- e-marketplaces: structures, mechanisms, economics and impact, competitive environments,
- e-retailing, consumer behavior, market research and advertising
- e-markets; influence of the Internet on industry structure; e-commerce strategy, marketing

3. <u>Technological Foundations of e-commerce</u>

- Client/ server technology, Internet technology, highlights of web browser to web server
- Client side technologies: HTML,XML, MS FrontPage, JavaScript, VBScript, Java applets.
- Server side technologies: CGI, PERL, PHP, Visual Basic, Java, ASP and the .NET framework.
- Integrating website with back-end application systems, application servers, database servers;
- E-commerce software;
- Internet service providers, hosting services.
- 4. Operational Foundations of e-commerce
 - Starting a small B2C e-business: feasibility analysis, technology plan, business plan;
 - Implementing the plans: web-presence, marketing, design, day-to day-operations: order entry, order filling, invoicing, e-payment systems, e-commerce security, legal, ethical and tax issues
 - Business-to-business e-commerce: supply chain management; electronic auctions.
- 5. <u>eBusiness examples</u>: Amazon, eBay, local e-businesses.
- 6. <u>Government support</u>: initiatives for e-commerce in Manitoba and Canada.

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