

BUSI 4431 [0.5 credit]: e-Supply Chain Technology and Management (e-SCM)

Instructor	Ahmed Doha Room 909, Dunton Tower (613) 520-2600 ext. 1909 ahmed.doha@carleton.ca (only means of online communication)
Class Times	Mondays 11:35 am - 2:25 pm Room: TBA
Office Hours	By appointment only on Thursdays between 1:00pm and 2:30pm. Email for appointment.
Course Objectives:	<p>Information and communication technology (ICT) is a core capability that is essential for supply chain integration. This course discusses the state of the art ICT that enables the integration of different operational functions such as sourcing, innovation and product development, and logistics across different entities within the same firm or across different firms for effective and efficient management of the supply chain of goods and services. Of particular interest to this course is social collaboration and its enabling technologies. This course strikes a balance between the theoretical underpinnings of and hands-on experience on such technologies. The knowledge body in this course is useful for students of all business concentrations as well as computer science and systems engineering.</p> <p>Learning objectives:</p> <p>Developing basic understanding of the following</p> <ul style="list-style-type: none"> ▪ Strategic and operational issues of supply chain management in the context of e-business; ▪ e-SCM processes; ▪ Technical foundations of e-SCM; ▪ Hands-on experience with supply chain management technologies including main software and leading packaged applications. e.g., ERP.
Prerequisites	Third year standing and BUSI 2301 and BUSI 2400 with a grade of C or higher in each.. The School of Business enforces all prerequisites.
Course Material	<p><u>Textbook</u></p> <p>David Frederick Ross, Introduction to Supply Chain Management Technologies, Second Edition, CRC Press, 2010. ISBN: 9781439837535.</p> <p><u>Software Platforms</u></p> <p>A number of software platforms, indicated in the schedule, will be heavily used in a lab environment to build hands-on application of the theoretical concepts delivered in class.</p>

	<p><u>Class Presentation Slides</u></p> <p>Presentation slides maybe used in this course, and where used the slides will be made available via CU Learn.</p>								
Course Evaluation	<p><u>Grade Distribution</u></p> <table> <tr> <td>Attendance & Participation</td> <td>10%</td> </tr> <tr> <td>In-Class Presentation</td> <td>10%</td> </tr> <tr> <td>Homework Assignments</td> <td>40%</td> </tr> <tr> <td>Term Paper</td> <td>40%</td> </tr> </table> <p><u>Attendance & Participation</u></p> <p>Attendance and participation is essential for the individual’s and collective learning experience. This applies to the classroom and the lab. Prior reading of the class material is expected and participation in class should be based on prior knowledge of the material.</p> <p><u>Lab (hands-on experience)</u></p> <p>The Lab is designed to provide students with practical experience on popular supply chain applications.</p> <p><u>Homework Assignments</u></p> <p>The assignments are used to reinforce students’ understanding of the course concepts. Students will identify a supply chain related problem in one of the supply chain functions (i.e. purchasing, product development, quality management, etc.); will identify existing internet-based technologies that attempt to solve this problem; and will critique the effectiveness of these technologies in solving the problem.</p> <p><u>Term Paper</u></p> <p>The term paper will build on the assignment work. The term paper requires students to expand on the assignment work by identifying competing technologies that attempt to solve a supply chain related problem and conduct a comparative analysis of the strengths and weaknesses of the value proposition and the methodologies used.</p> <p>The term paper should come in no less than five pages of single space report. The term paper is worth 40% of the overall grade. Late submission will result in a 20% loss in the term paper evaluation per day. The term paper must be submitted by email to ahmed.doha@carleton.ca. Students who do not obtain at least 50% on their term work prior to writing the term paper (i.e. in-class presentation and two assignments) will not be allowed to write a term paper and will thus fail the course.</p>	Attendance & Participation	10%	In-Class Presentation	10%	Homework Assignments	40%	Term Paper	40%
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General Guidelines	<ul style="list-style-type: none"> Class and lab attendance is highly important and is part of the participation grade. 								
Tools	<ul style="list-style-type: none"> Attendance will be assessed via means of an attendance sheet. 								

Tentative Schedule

W	Date	Topic	Material	Due Dates
1	8-Sep	Lecture: Strategic Supply Chain	<ul style="list-style-type: none"> Textbook: Chapter 1 	

			▪ Textbook: Chapter 9	
2	15-Sep	Lecture: Supply Chain Technologies: An Overview	▪ Textbook: Chapter 2	
3	22-Sep	Lecture: Enterprise Resource Planning ▪ Supply Chain Integration ▪ ERP Applications and Advantages	▪ Textbook: Chapter 3 (up to page 90) ▪ Textbook: Chapter 4	
4	29-Sep	Lecture: e-Logistics Resource Management Material	▪ Textbook: Chapter 8	
5	6-Oct	Lab: Enterprise Resource Planning	▪ <u>Odoo Open ERP</u>	
6	13-Oct	Lecture: Customer Relationship Management	▪ Textbook: Chapter 5	
7	20-Oct	Lab: Customer Relationship Management	▪ <u>Salesforce CRM</u>	Assignment #1 Due
8	27-Oct	Fall Break: Classes Suspended		
9	3-Nov	Lecture: e-SCM and Manufacturing ▪ Global Manufacturing ▪ Collaborative Production ▪ Collaborative Innovation and Produce Development	▪ Textbook: Chapter 6 ▪ Textbook: Chapter 3 pp. 90-end	
10	10-Nov	Lab: Collaborative Innovation and Product Development	▪ <u>Innocentive.com Collaborative Problem Solving for Innovation</u>	
11	17-Nov	Lecture: e-Purchasing Management ▪ e-Procurement ▪ e-Marketplace ▪ Group Purchasing	▪ Textbook: Chapter 7	Assignment #2 Due
12	24-Nov	Lab: e-Purchasing	▪ <u>Groupon Retail Discount</u> ▪ <u>Bndler Clearance Marketplace</u>	
13	1-Dec	Term Paper Presentations		
	8-Dec			Term Paper Due

Required calculator in BUSI course examinations

If you are purchasing a calculator, we recommend any one of the following options: Texas Instruments BA II Plus (including Pro Model), Hewlett Packard HP 12C (including Platinum model), Staples Financial Calculator, Sharp EL-738C & Hewlett Packard HP 10bII

Group work

The Spratt School of Business encourages group assignments in the school for several reasons. They provide you with opportunities to develop and enhance interpersonal, communication, leadership, follower-ship and other group skills. Group assignments are

also good for learning integrative skills for putting together a complex task. Your professor may assign one or more group tasks/assignments/projects in this course. Before embarking on a specific problem as a group, it is your responsibility to ensure that the problem is meant to be a group assignment and not an individual one.

In accordance with the Carleton University Undergraduate Calendar (p 34), the letter grades assigned in this course will have the following percentage equivalents:

A+ = 90-100	B+ = 77-79	C+ = 67-69	D+ = 57-59
A = 85-89	B = 73-76	C = 63-66	D = 53-56
A - = 80-84	B - = 70-72	C - = 60-62	D - = 50-52
F = Below 50	WDN = Withdrawn from the course		
ABS = Student absent from final exam			
DEF = Deferred (See above)			
FND = (Failed, no Deferred) = Student could not pass the course even with 100% on final exam			

Academic Regulations, Accommodations, Etc.

University rules regarding registration, withdrawal, appealing marks, and most anything else you might need to know can be found on the university's website, here:

<http://calendar.carleton.ca/undergrad/regulations/academicregulationsoftheuniversity/>

Requests for Academic Accommodations

Academic Accommodations for Students with Disabilities

The Paul Menton Centre for Students with Disabilities (PMC) provides services to students with Learning Disabilities (LD), psychiatric/mental health disabilities, Attention Deficit Hyperactivity Disorder (ADHD), Autism Spectrum Disorders (ASD), chronic medical conditions, and impairments in mobility, hearing, and vision. If you have a disability requiring academic accommodations in this course, please contact PMC at 613-520-6608 or pmc@carleton.ca for a formal evaluation. If you are already registered with the PMC, contact your PMC coordinator to send me your **Letter of Accommodation** at the beginning of the term, and no later than two weeks before the first in-class scheduled test or exam requiring accommodation (*if applicable*). After requesting accommodation from PMC, meet with me to ensure accommodation arrangements are made. Please consult the PMC website for the deadline to request accommodations for the formally-scheduled exam (*if applicable*).

- - The deadlines for contacting the Paul Menton Centre regarding accommodation for final exams for the December 2014 exam period is November 7, 2014 and for the April 2015 exam period is March 6, 2015.

For Religious Obligations:

Students requesting academic accommodation on the basis of religious obligation should make a formal, written request to their instructors for alternate dates and/or means of satisfying academic requirements. Such requests should be made during the first two weeks of class, or as soon as possible after the need for accommodation is known to exist, but no later than two weeks before the compulsory event.

Accommodation is to be worked out directly and on an individual basis between the student and the instructor(s) involved. Instructors will make accommodations in a way that avoids academic disadvantage to the student.

Students or instructors who have questions or want to confirm accommodation eligibility of a religious event or practice may refer to the Equity Services website for a list of holy days and Carleton's Academic Accommodation policies, or may contact an Equity Services Advisor in the Equity Services Department for assistance.

For Pregnancy:

Pregnant students requiring academic accommodations are encouraged to contact an Equity Advisor in Equity Services to complete a letter of accommodation. The student must then make an appointment to discuss her needs with the instructor at least two weeks prior to the first academic event in which it is anticipated the accommodation will be required.

Academic Integrity

Violations of academic integrity are a serious academic offence. Violations of academic integrity – presenting another’s ideas, arguments, words or images as your own, using unauthorized material, misrepresentation, fabricating or misrepresenting research data, unauthorized co-operation or collaboration or completing work for another student – weaken the quality of the degree and will not be tolerated. Penalties may include expulsion; suspension from all studies at Carleton; suspension from full-time studies; a refusal of permission to continue or to register in a specific degree program; academic probation; and a grade of Failure in the course, amongst others. Students are expected to familiarize themselves with and follow the Carleton University Student Academic Integrity Policy which is available, along with resources for compliance at <http://www2.carleton.ca/sasc/advisingcentre/academic-integrity/>.

Assistance for Students:

Student Academic Success Centre (SASC): www.carleton.ca/sasc

Writing Tutorial Services: <http://www1.carleton.ca/sasc/writing-tutorial-service/>

Peer Assisted Study Sessions (PASS): www.carleton.ca/sasc/peer-assisted-study-sessions

Important Information:

- Students must always retain a hard copy of all work that is submitted.
 - All final grades are subject to the Dean’s approval.
 - Please note that you will be able to link your CONNECT (MyCarleton) account to other non-CONNECT accounts and receive emails from us. However, for us to respond to your emails, we need to see your full name, CU ID, and the email must be written from your valid CONNECT address. Therefore, it would be easier to respond to your inquiries if you would send all email from your connect account. If you do not have or have yet to activate this account, you may wish to do so by visiting <https://portal.carleton.ca/>
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