



**CARLETON UNIVERSITY
SPROTT SCHOOL OF BUSINESS
BUSI3405A
FALL 2014
ENTERPRISE ARCHITECTURE**

Instructor: Vojislav D Radonjic
Office: DT919-2
Office Hours: Wednesday 4pm – 6pm
Email: vojislav.radonjic@carleton.ca
Phone Number: 613-520-2600 ext 3248

TA: none

Course meets: Wed 11:35 – 14:25, Classroom TBA

Pre-requisites & precluded Courses: BUSI2400 and BUSI3103 (with a grade of C- or higher).

Course Description and Objectives:

This course is a pragmatic introduction to Enterprise Architecture (EA) - exploring the design, selection, implementation and management of IT solutions for organizations. The focus is on understanding the applications and infrastructure and their fit with organization's goals. In particular, emphasis is placed on understanding and modeling organization's business goals and EA requirements so that they can be used to evaluate candidate realizations.

This course covers all the components of enterprise architecture including business process architecture, information architecture, technology architecture, and organizational design. Throughout the semester students will have numerous opportunities to explore these topics through individual and group assignments, class discussions of articles and case studies, as well as interactions with guest speakers presenting problems and solutions in enterprise architecture for their businesses.

Reading (s)/Textbook (s):

There is no official textbook for the course. The content covered in each class is drawn from material on class reading list and case studies. For each class, reading lists will be posted on cuLearn in a timely fashion. The reference texts, available online through Carleton Library, are 1) **Enterprise Architecture: A Pocket Guide** by Tom Graves, IT Governance Ltd, c2009, 2) **Enterprise architecture at work: modelling, communication and analysis** by Lankhorst, Marc Heidelberg; New York : Springer, c2013, 3) **Enterprise Architecture: creating value by informed governance** by Martin Op't Land et al., Berlin, Springer, C2009, and 4) **Enterprise architecture patterns: practical solutions for recurring IT-architecture problems** by Perroud, Thierry; Inversini, Reto Berlin ; New York : Springer, c2013

Course Requirements & Methods of Evaluation:

The evaluation in this course is based on in-class quizzes (10%), two assignments (40%) and one group term project with an in-class presentation (50%). The requirement for Satisfactory In-term Performance is set at 50% of all, not each, course work. Project topics will be discussed in the first two weeks of class and project presentations are scheduled for the last two weeks.

This is a seminar style course and you are expected to have covered the reading list before class. On average, each class will require 3 to 4 hours of preparation in addition to work on assignments and the group project.

COURSE SCHEDULE:

WEEK 1 (SEP 10): Introduction to the course and Enterprise Architecture

WEEK 2 (SEP 17): Enterprise Architecture

WEEK 3 (SEP 24): Foundations

WEEK 4 (OCT 1): Modeling the Enterprise

WEEK 5 (OCT 8): Modeling Continued

WEEK 6 (OCT 15): Viewpoints and Visualization

WEEK 7 (OCT 22): Architecture Analysis

NO CLASS (OCT 29): Architecture Alignment

WEEK 8 (NOV 5): Business Process Alignment

WEEK 9 (NOV 12): Application & Data Architecture Alignment

WEEK 10 (NOV 19): Infrastructure Alignment

WEEK 11 (NOV 26): PROJECT PRESENTATIONS PART 1

WEEK 12 (DEC 3): PROJECT PRESENTATIONS PART 2

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 Sprott 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 7th 2014

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/>
-