R·I·T | SAUNDERS College of BUSINESS

MGIS-450: Enterprise Systems
Spring 2019
(updated 1/7/19)

Course Instructor

Name:	Quang "Neo" Bui, Ph.D	**Office:**	LOW 3312
Email:	qnbbbu@rit.edu	**Office Hours:**	Open door, typically after 2pm.
Phone:	585-475-4411		Officially, T R 1pm–3pm
			or by appointment

Class meeting day/time: T R 9AM – 10:45 AM
Class location: LOW 3135

Course Description and Objectives

This course helps you understand a company's business functional areas and business processes, as well as efficiencies that are realized by integrating information systems across the enterprise. You will gain hands-on training by using various modules of SAP R/3 software: sales and distributions, materials management, production planning, financial accounting, etc. If you do well, this course will increase your job market value considerably because there is an enormous demand for people with SAP training. More than 80% of Fortune 500 companies use SAP software for their business processes.

Course Materials

Text#1   **ERPSimulation Access**
Note: students purchase this material online from the ERPSIM Lab at a cost of $50 CAD. Further details will be provided by the instructor later.

Text#2   Concepts in Enterprise Resource Planning, 4th Edition (or 3rd Ed.)
(optional)   Monk & Wagner. 2012. Course Technology. (ISBN: 978-1-82039-8).

Grading

Exams (2 @ 15% each)	30%
SAP Assignments (7 @ 5% each)	35%
ERPSim Simulation (result, reports, presentation)	30%
Class participation/engagement	5%
Total	100%

Final grade: A: 93+; A-:90-92; B+: 87-89; B: 83-86; B-: 80-82; C+: 77-79; C: 73-76; C-: 70-72

- Final grade is rounded up. A few points in class engagement may be enough to move you up a grade. Make everything counts.

Assignments and Exams

- All assignments must be handed in on time. Make sure every submission has your name.
- The **2 exams** will be held in class. They are **closed book** and consist of multiple-choice problem and short-answer questions.

ERP Simulation Competition

- There is no final exam in this class. Instead, we will have an ERP simulation competition as the final exam. The games will allow you to learn how business processes are supported by enterprise system and how to optimize your business performance.
- The competition is done in **teams of 4** during the course of the semester (5-6 weeks). The instructor will assign team members based on class performance.
- There will be **several round of practices** throughout the semester, and the **last round results** will be used to evaluate your team performance. When all is finished, your team will report and present your progress, lessons learned, and results.
- Apart from leaning about ERP systems and sharing your work with the class, another objective of the project is to develop the ability to work well in groups (e.g., distribute work based on your relative strengths, discuss and exchange ideas, build synergies, etc.)
- The grade for this ERP Simulation Competition is distributed as follow:
  - ERPSim Game Results: 40% (only the last round results counted)
  - Quiz: 5% (students will be noticed in advanced)
  - Presentation: 5%
  - Project Write-up: 50%

Class progress and Grade posting

- Class announcements will be posted on the News section on MyCourses. Every Monday, I will post key items for a given week on MyCourses. It is the student's responsibilities to check on those announcements and to not missing important events.
- All grades (except class attendance and participation) will be uploaded regularly on MyCourses. Typically, the grades will be uploaded on MyCourses in the day the assignment is returned to the class. It is the student's responsibilities to ensure the accuracy of the uploaded grade.

Policies on late work, make-up exams, appealing scores

- Late assignments will have **10% penalty** for every twelve-hour block of time it is tardy. For example, if the assignment is due by midnight (12:00am), its maximum grade will be 90% if submitted by noon (12pm). You must submit your assignments in advance if you have a conflict on the due date.
- Make-up exams will *NOT* be given except for emergency and with prior permission of the instructor. **Interview is not a sufficient excuse** and you should schedule interviews to avoid conflict with the exam. Typically a documentation (e.g., doctor note) would be required to obtain permission from the instructor for emergency situations.
- You may appeal any score but such **appeal must be made in writing or in person within one week** from the time the assignment is returned to the class and uploaded on

MyCourses. If you miss a class when something is returned you need to pick it up in the instructor's office.

Class Attendance and Participation

➢ Regular attendance is very important to succeed in this class. You can have **two absences** without excuse during the semester. Use them wisely to account for unexpected events.

➢ Class participation is crucial to learning. You are strongly encouraged to share your experience, raise questions, or ask to clarify concepts. Additionally, you can increase your participation by **submitting relevant and recent business news** related to class topics to the instructor. Relevant and important news will be shared with the class.

Class Conduct and Successful Tips

➢ You will need to treat the class as an informal business meeting. That means cell phones off, be on time, and be professional!

➢ Regular attendance is very important to succeed in this class. You must inform instructor of your absence to avoid penalties.

➢ Class participation is crucial to learning. You are strongly encouraged to share your experience, raise questions, or ask to clarify concepts.

➢ Plan well to accomplish assignments on time. If emergency occurs, contact the instructor immediately.

➢ No plagiarism or cheating in this class. Violators will be severely disciplined.

➢ Make good friends and contribute earnestly to your team work.

Course Outline

M&W = "Concepts in Enterprise Resource Planning" textbook

Week	Topic	Readings/Assignments
1 (1/14)	Introduction to course and ERP Enterprise systems vendors and modules Business functions and processes	Syllabus; M&W Ch. 1
2 (1/21)	Process modeling with EPC Process improvement, BPR	M&W Ch. 7 (183-203) Assignment 1: EPC model
3 (1/28)	Intro to SAP interfaces Sales order process	M&W Ch. 3 (49-66) Assignment 2: Sales order
4 (2/4)	Purchasing process	Assignment 3: Purchasing
5 (2/11)	<mark>Exam #1</mark> Production process	M&W Ch. 4 (77-112) Assignment 4: Production
6 (2/18)	Production process Accounting process	

7 (2/25)	Credit & Receivable Risk Management Intro to CRM	M&W Ch. 5 (117-139) Assignment 5: Accounting
8 (3/4)	Clouded-based enterprise solutions Implementation and deployment strategies	M&W Ch. 2 (31-43); Ch. 7 (203-208) Assignment 6: Salesforce
9 (3/18)	**Exam #2** Introduction to ERPSim game	
10 (3/25)	ERPSim game – Introduction & Extended game	Quiz on ERPSim Participation Guide p. 10-30
11 (4/1)	ERPSim game – Extended game	
12 (4/8)	Introducing Business Analytics in SAP	Assignment 7: Business Analytics
13 (4/15)	ERPSim game with Business Analytics	
14 (4/22)	ERPSim game final round	
15 (4/29)	**ERPSim Team Report as Final (TBD)**	

Academic Honesty

As stated in the RIT Policies and Procedures Manual: "As a university, RIT is committed to the pursuit of knowledge and the free exchange of ideas. In such an intellectual climate it is fundamentally imperative that all members of this academic community behave in the highest ethical fashion possible in the manner by which they produce, share, and exchange this information. In the case of students, Academic Honesty demands that at all times student work be the work of that individual student, and that any information which a student uses in a work submitted for evaluation be properly documented. Any violation of these basic standards constitutes a breach of Academic Honesty and hence becomes Academic Dishonesty."

Unless identified specifically as a group assignment, all assignments and exams must be the work of the individual student. The first violation of this policy will result in an F on the assignment or exam. A second violation will result in a failure of the course.

ADA

The following excerpt is from the RIT Student Rights and Responsibilities web site at RIT Student Rights and Responsibilities Note: This link will open a new window which you can close and return to the course when you are done.

It is the responsibility of the student with a disability to identify himself/herself to the Disability Services Office after they are admitted to RIT. Students with a disability, which has been verified and documented by a qualified professional, are entitled to receive accommodations approved by the coordinator of Disability Services.

It is the students' responsibility to discuss their accommodation needs with the appropriate faculty and personnel after they have signed a Notice of Accommodation letter with the coordinator of Disability Services.

Faculty members do not have the right to question the nature of a student's disability. All disability information is kept in the Disability Services Office and is not available to anyone unless authorized by a signed release form from the student.

All students are expected to work to their full potential and students with disabilities are not excluded from this expectation. Students are expected to commit themselves to professional excellence, personal integrity, and ethical behavior and demonstrate this commitment in their academic and professional conduct.