

Syllabus

Course: CIS 464 Enterprise Systems

Course Description:

CIS 464. ENTERPRISE SYSTEMS (3). Provides an understanding of the managerial/technical issues in planning, designing, and implementing enterprise systems. Demonstrates the integration of information and business processes across functional areas into a unified system. Hands on experience with SAP ERP software. Prerequisite(s): CIS 458.

This course is a 'Blended' course in which you will have asynchronous, online instruction as well as synchronous instruction via game simulations. You will have two-hour web conferences during Weeks 3, 4, 5, 6, and 7 normally on Wednesday or Thursday evenings. Please plan accordingly.

Prerequisite Courses:

CIS 458 Business Process Management

Course Overview

This course provides students with an understanding of the theoretic and practical issues related to the application of enterprise systems within organizations. The primary focus of this course is to demonstrate how enterprise systems integrate information and organizational processes across functional areas with a unified system comprised of a single database and shared reporting tools. Students will participate in an ERP Simulation game to “learn-by-doing” the concepts of ERP systems. The course is dynamic and uses cutting-edge software from the largest ERP company in the world, SAP.

Course Outcomes:

Upon completion of this course, learners should be able to:

- Describe the fundamentals of enterprise systems and the issues associated with their implementation.
- Evaluate the costs and benefits of implementing enterprise systems.
- Describe the complete cash-to-cash business cycle and how information flows from beginning to end through a typical manufacturing organization.
- Examine the impact of customer relationship management on an organization.
- Explain the complexity and importance of the integration of the supply chain.

- Experience why team collaboration and the exchange of information is critical to enterprise systems.
- Experience how real-time, data driven decisions benefit an organization.

Course Materials:

Required Texts:

Bradford, M. (2015), *Modern ERP Select, Implement & Use Today's Advanced Business Systems 3rd edition*, Lulu Publishing. ISBN-13: 9781312665989

ERPsim game access: \$50 Canadian or ~ \$38 USD (Your facilitator will post purchase details in Week 1 of course)

Required Resources:

American Psychological Association (current edition). APA Publication Manual. Retrieved from <http://www.apastyle.org/>.

Library Tutorials:

Research Tutorials (n.d.). Regis University Library: see <http://libguides.regis.edu/tutorials>.

Computer and Information Science Research Tutorial, see https://mediaspace.regis.edu/media/Regis+Library+-+Resources+for+computer+and+information+science+/0_blk905nh/10579702

Technology Tools

Adobe Acrobat Reader

RealPlayer (to watch the video presentations)

ERPsim Game (see above)

Optional Materials:

Purdue Online Writing Lab (OWL). Retrieved from <https://owl.english.purdue.edu/owl/section/2/10/>.

Pre-Assignment:

Online Format: Sign on to D2L (Home Page) and become familiar with the course navigation of the Web Curriculum. Read Chapters 1 and 2 of the textbook.

Classroom-based Format: Read Chapters 1 and 2 of the textbook.

Pre-Assignment Due Dates:

Classroom-based Format: This assignment is due the first night of class.

Online Format: The facilitator will specify the due date for this assignment.

Course Assignments and Activities:

	Topics	Readings	Activities/Assignments
1	Introduction to Enterprise Systems	Text: Chapters 1, 2 Online Course: From The Expert	Class Discussion: <ul style="list-style-type: none"> • Introductions & discussion questions Assignments: <ul style="list-style-type: none"> • Install, configure and test SAPGUI and SAP Lumira software
2	ERP and Business Process Management	Text: Chapters 3, 4 Online Course: From The Expert ERPsim ITO: Chapters 5 & 6	Class Discussion: <ul style="list-style-type: none"> • Discussion questions Assignment: <ul style="list-style-type: none"> • Research Paper – Complete Cash-to-Cash Business Process
3	ERP Life Cycle and ERPsim Game Preparation	Text: Chapters 5 & 6 Online Course: From The Expert	Class Discussion: <ul style="list-style-type: none"> • Discussion questions Assignment: <ul style="list-style-type: none"> • ERPsim preparation • Lumira preparation • Web conference: Test virtual communications
4	ERP Financial Management	Text: Chapter 7 Online Course: From The Expert	Class Discussion: <ul style="list-style-type: none"> • Discussion questions Assignment: <ul style="list-style-type: none"> • ERPsim Practice Game – Rounds 1 & 2 Midterm Exam
5	Customer Relationship Management	Text: Chapter 8 Online Course: From The Expert	Class Discussion: <ul style="list-style-type: none"> • Discussion questions Assignment: <ul style="list-style-type: none"> • ERPsim Practice Game – Round 3 and Real-time Analytics

6	Supply Chain Management	Text: Chapter 9 Online Course: From The Expert	Class Discussion: <ul style="list-style-type: none"> • Discussion questions Assignment: <ul style="list-style-type: none"> • ERPsim Game 1 (all rounds)
7	ERP Human Capital Management and Security	Text: Chapters 10, 11 Online Course: From The Expert	Class Discussion: <ul style="list-style-type: none"> • Discussion questions Assignment: <ul style="list-style-type: none"> • ERPsim Game 2 (all rounds)
8	ERP and Business Analytics	Text: Chapter 12 Online Course: From The Expert	Class Discussion: <ul style="list-style-type: none"> • Discussion questions Assignment: <ul style="list-style-type: none"> • ERPsim Game Report due • Final Exam

Student Evaluation Grid:

Assignment	Value (percent of overall course grade)
Discussions/Participation	20%
Business Processes Research Paper	10%
ERPsim Game Report	30%
Midterm Exam	20%
Final Exam	20%

CC&IS Grading Scale:

Letter Grade	Percentage	Grade Point
A	93 to 100	4.00
A–	90 to less than 93	3.67
B+	87 to less than 90	3.33
B	83 to less than 87	3.00
B–	80 to less than 83	2.67
C+	77 to less than 80	2.33
C	73 to less than 77	2.00
C–	70 to less than 73	1.67
D+	67 to less than 70	1.33
D	63 to less than 67	1.00
D-	60 to less than 63	.67
F	Less than 60	0

Additional information about grading can be found in the latest edition of the University Catalog, available at <http://www.regis.edu/Academics/Course%20Catalog.aspx>.

CC&IS Policies and Procedures

Each of the following CC&IS Policies & Procedures is incorporated here by reference. Students are expected to review this information each term, and agree to the policies and procedures as identified here and specified in the latest edition of the University Catalog, available at <http://www.regis.edu/Academics/Course%20Catalog.aspx> or at the link provided.

The CC&IS Academic Integrity Policy.

The Student Honor Code and Student Standards of Conduct.

Incomplete Grade Policy, Pass / No Pass Grades, Grade Reports.

The Information Privacy policy and FERPA. For more information regarding FERPA, visit the [U.S. Department of Education](http://www.ed.gov).

The HIPAA policies for protected health information. The complete Regis University HIPAA Privacy & Security policy can be found here: <http://www.regis.edu/About-Regis-University/University-Offices-and-Services/Auxiliary-Business/HIPAA.aspx>.

The Human Subjects Institutional Review Board (IRB) procedures. More information about the IRB and its processes can be found here: <http://regis.edu/Academics/Academic-Grants/Proposals/Regis-Information/IRB.aspx>.

The CC&IS Policies & Procedures Syllabus Addendum summarizes additional important policies including, Diversity, Equal Access, Disability Services, and Attendance & Participation that apply to every course offered by the College of Computer & Information Sciences at Regis University. A copy of the CC&IS Policies & Procedures Syllabus Addendum can be found here: <http://in2.regis.edu/sites/ccis/policies/Repository/CCIS%20Syllabus%20Addendum.docx>.