MISSION STATEMENT:
The School of Business prepares a diverse student body for successful careers by offering high-
quality professional business programs in a student-centered learning environment. As a teaching
institution enriched by management practice-related and pedagogical scholarship and service, the
School primarily serves undergraduate students while offering strategically-focused graduate
programs.

COURSE NUMBER AND TITLE: IS 463 – Enterprise Systems
PREREQUISITES: IS 213 – Analysis and Design
CLASS MEETING TIME: Wednesday – 6:00 to 8:50 pm
CLASSROOM: Visser Hall 111 & ESU-KC
INSTRUCTOR: Dr. Ron Freeze
OFFICE: CH 105
TELEPHONE NUMBER: (620) 341-5685
EMAIL ADDRESS: rfreeze@emporia.edu
HOME PAGE: http://elearning.emporia.edu
OFFICE HOURS: Tue-Wed 1-4 pm, by appointment or via Skype.

All e-mails correspondence should have “IS463” at the start of the subject line.

Required Texts:
Integrated Business Processes with ERP Systems
Simha R. Magal, Jeffrey Word ©2012
US $69.50 – E-Text or
US $140.95 – Hardcover

Supplemental Materials:
Computer & Internet Access
Proficiency in Microsoft 2010 Access and Excel Applications
Microsoft Word 2010 Application
Remote Desktop Connection (See Handout)

Course Description:
A study of the management of information technology as it is practiced in organizations today.
Traditional organizations are moving toward a more interconnected or networked business
environment. A major focus is understanding the role and use of complex technology in the
support of individual, workgroup, enterprise, inter-enterprise and international computing. This
course will utilize a business process management approach through the use of enterprise
software.

Course Objective:
This course takes a managerial approach to Enterprise Resource Planning (ERP) systems and
therefore emphasizes the large scale nature of applications and system implementations. It is the
goal of this course to provide extensive, process oriented exercises to illustrate the difficulty in
implementing ERP systems in organizations. International examples of global competition,
partnerships, and trade are provided throughout the course. By the end of the course, you should
be able to…
 Describe the concepts of Enterprise Systems and explain their components, such as operational data stores, data warehouses, data marts, and data access tools.
 Understand that ERP systems do not operate as separate islands of information, but rather need to be coordinated into a cohesive plan that supports the operational, tactical, and strategic needs of the organization.
 Describe the wide range of business processes that must be effectively managed for success.
 Explain issues that affect the success and failure of Enterprise systems and understand the many issues that complicate data warehouse construction and maintenance.
 Recognize the variety of software tools available for various enterprise systems.
 Recognize the flexibility needed to accommodate people with diverse decision-making needs, whose abilities may range from novice to power user.

Learning Activities:
Each meeting of the semester will incorporate two to three learning activities to help you develop an understanding about ERP systems and their business applications. The initial activity will be the lecture at the beginning of the class period. During this period, it is expected that you will have read the material and be prepared to answer questions concerning the concepts and the application to various organizations. Participation points will be given based on your preparedness. It is critical that future managers be able to communicate effectively concerning the enterprise systems which they will depend on to provide timely and accurate information for organizational decision making. Since effective communication is so critical, it is vital that you be prepared to contribute to all discussions concerning the material.

The second learning activity will be your hands on experience with the ERP system. These in class activities will be set up as either single or multi-company code exercises. Generally, we should finish these exercises in class, but you may need to complete them on your own if we do not have time in class. There are two ways to complete these exercises outside of the classroom. The first will be using Skylab and the second will be via the installation of the SAP GUI on your personal computer.

The final learning activity will be in the form of Quizzes and Exams. These will be given at the end of the class period on the days designated in the Class Schedule.

Skylab:
The reason for introducing you to the uses of Skylab is the ability to use applications remotely. NOTE: no homework will be accepted that is not presented in the standard Microsoft 2010 Office application format. Everyone has access to the necessary applications through Skylab. You should review the Remote Desktop Connection document under Course Documents on BlackBoard. DO THIS FIRST AFTER READING THE SYLLABUS. Contact Dr. Freeze with any difficulties in accessing the Skylab.

Participation:
Participation during the class will account for 7.5% (app. 75 pts.) of your grade over the course of the semester. Each night you attend will have available 5 points awarded for participating in the discussion. This is not an attendance grade and I will keep track of contributions. Asking questions do not count as a contribution. We will have 17 meetings. This means that you can miss up to two classes without hurting your chances at participating in the lecture/discussion.

Exercises:
Each chapter of the text (with the exception of chapter 1) has exercises that step you through the use of various business processes that make up an enterprise system. There are 19 possible single company exercises and 18 possible multi-company exercises possible in chapters 2 through 9. We will not have time to do all of these exercises, but you will be assigned up to 20 of the exercises
over the course of the semester. The top 15 exercises will count toward your grade in the course. The interface you will be using is from SAP.

**SAP:**
SAP is one of the largest Enterprise Resource Planning systems in the world and provides students conversant with parts of the system an opportunity to capitalize on the substantial needs organizations have when implementing such systems. This course will use a series of lab exercises to explain the practical implementation of the Business cash to cash cycle that includes the Accounting, Procurement, Fulfillment, Production, Inventory, and Material Planning Processes handled by SAP. ESU is a member of the SAP University Alliance and access to the GBI data used in your text is possible through this membership.

**Quizzes:**
A quiz will be given starting with the 4th class period over chapters 3 through 8. These quizzes will be over the chapter materials and possibly the class discussion from the prior week (reference the Class Schedule). This makes six quizzes total for the semester. The top five quizzes will count toward your final grade.

**Exams:**
There will be three exams over the course of the semester. The exams will be given at the end of the class period and will cover material up to the class period of the prior week. A review session will be given in the class period prior to the exam in order to help focus your preparation. The final exam will be cumulative over the entire contents of the text.

**Submission of All Assignments:**
All assignments will be submitted through blackboard prior to the stated deadline. Most files will be the interactive PDFs. However, any other files submitted must be in the Office 2010 format. The guidelines below must be followed with respect to the naming convention of your file.

- FreezeGBI020CH2MCC.pdf – example
- Your last name is first and should replace Freeze in the example
- GBI020 represents your SAP username logon information
- CH2 stands for which exercise is assigned (Chapter 2 – CH3-1 for chapter 3 exercise 3-1)
- MCC stands for Multi-Company Code, there are SCC exercises (Single Company Code)
- .pdf indicates the file extension

All exercises must be submitted using the ASSIGNMENTS section in blackboard.

**Final Grade:**
The final grade will depend on the class distribution. Each student’s score will be computed at the end of the semester and rank ordered. The class will be divided into appropriate clusters, and letter grades of A, B, C, D, and F assigned. However, a general grading scale might be as follows:

- A: 90% and higher
- B: 80.0% - 89.9%
- C: 70.0% - 79.9%
- D: 60.0% - 69.9%
- F: below 60.0%

**Course Grading:**
The evaluation will be based upon total points obtained from examinations, labs, assigned projects and your presentations. Your grade will be determined by the percent of points accumulated as follows:
Withdrawal Policy:
The option of the instructor to initiate student withdrawal for excessive student absences does not apply to this course. Students who decide to withdraw and receive an automatic “W” must complete the formal withdrawal procedure by April 3rd, 2013. After that day, the student may not withdraw from a class nor may the instructor assign a “W”.

Academic Dishonesty:
All students are expected to pursue their scholastic careers with honesty and integrity. Academic dishonesty includes, but is not limited to, activities such as cheating and plagiarism (presenting as one’s own the intellectual or creative accomplishments of another without giving credit to the source or sources). Work on individual projects is assumed to be done by the individual whose name appears on the assignment, not as a collective effort. If a student is discovered as participating in an act of academic dishonesty, they may be removed from the course with a grade of "F", and the matter may be referred for further action. Emporia State University may impose penalties for academic dishonesty up to and including expulsion from the university.

Disabled Student Policy:
Emporia State University will make reasonable accommodations for persons with documented disabilities. Students need to contact the Director of Disability Services and the professor as early in the semester as possible to ensure that classroom and academic accommodations are implemented in a timely fashion. All communication between students, the Office of Disability Services, and the professor will be strictly confidential. For your convenience, that information is Plumb Hall 106, 620/341-6637 Voice, 620/341-6646 TTY, or via e-mail disabser@emporia.edu.

Late Assignment Policy:
Late work will not be accepted. All weekly assignments are due by 11:00 PM of the Friday of the week assigned unless otherwise noted through blackboard. As a matter of fact, you will not be able to submit your assignments after the due date is passed because the link to the assignment will no longer be available. If late work is accepted due to prior notification, the affected homework may have up to a 50% reduction in points following the normal grading.

Class Schedule:
Scheduled assignments and any changes to this schedule will be announced in class and via the posted PowerPoints in BlackBoard.

THE INSTRUCTOR RESERVES THE RIGHT TO MAKE CHANGES TO THE SYLLABUS AS NECESSARY. ANNOUNCEMENTS COMMUNICATED THROUGH OUT THE SEMESTER WILL OVERRIDE ANY STATEMENT MADE HERE OR IN ANY OTHER HANDOOUTS. IT IS THE STUDENT’S RESPONSIBILITY TO BE AWARE OF THESE CHANGES AND ANNOUNCEMENTS.
<table>
<thead>
<tr>
<th>W/E Date</th>
<th>Wed Class Dates</th>
<th>Lecture</th>
<th>Tentative Topics</th>
<th>Readings</th>
<th>Exercise</th>
<th>Assignment</th>
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<tr>
<td>Fri Jan 18, 2013</td>
<td>Wed Jan 16, 2013</td>
<td>1</td>
<td>Course Intro &amp; Intro to Business Processes</td>
<td>Chapter 1</td>
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<td>Fri Jan 25, 2013</td>
<td>Wed Jan 23, 2013</td>
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<td>Wed Jan 30, 2013</td>
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<td>Chapter 3</td>
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<td>Chapter 3</td>
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<td>Wed Feb 13, 2013</td>
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<td>The Procurement Process &amp; Exam Review</td>
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<td>Wed Feb 27, 2013</td>
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<td>The Production Process</td>
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<td>Yes</td>
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<td>Wed Apr 03, 2013</td>
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<td>Exam 2</td>
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<td>Fri Apr 12, 2013</td>
<td>Wed Apr 10, 2013</td>
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<td>Wed Apr 17, 2013</td>
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<td>Fri May 03, 2013</td>
<td>Wed May 01, 2013</td>
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<td>Fri May 10, 2013</td>
<td>Wed May 08, 2013</td>
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<td>Process Integration &amp; Final Exam Review</td>
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