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 863 ERP Foundations

CLASS MEETING TIME: 9:30 – 10:50 a.m. TR CH 320

PREREQUISITES: Graduate Standing and Consent of Instructor

INSTRUCTOR: Dr. Peggy L. Lane

OFFICE: CH 102
OFFICE HOURS: Tuesday and Thursday 11:00 – Noon, Wednesday 9:00 - Noon And by appointment

TELEPHONE NUMBER: (620) 341-5371
E-Mail: plane@emporia.edu

REQUIRED TEXTS:

Each person will purchase access to the ERPsim learning game and portal. Details will be provided in class. Readings will be assigned. When possible, the articles will be posted on Blackboard.

COURSE DESCRIPTION:

This course serves as an introduction to the world of Enterprise Resource Planning and also provides a solid foundation for many disciplines in common business processes and how they are supported by modern information systems. By studying both successful and unsuccessful implementation examples, students examine how and why an ERP system is implemented and how it is integrated with existing business processes. Students examine the impact of ERP on the organization and how change can be managed. An ERP system such as SAP will be used to experience several business processes and the software first hand.

We will use the number one ERP (Enterprise Resource Planning) software, SAP, in this course.
COURSE OBJECTIVES:

Upon completion of this course, the students will be able to:

- Describe the advantages, strategic value, and organizational impact of utilizing an ERP system for the management of information across the functional areas of a business: sales and marketing, accounting and finance, human resource management, and supply chain management.
- Demonstrate a working knowledge of how data and transactions are integrated in an ERP system to manage the sales order process, production process, and procurement process.
- Evaluate organizational opportunities and challenges in the design and implementation of an ERP system within a business scenario.

SPECIAL FEATURES OF THE COURSE:

This course will have a number of assignments – some computer based and some written; some will be individual work and some will require work to be completed by groups. Each project should be prepared on a computer and printed or submitted electronically according to the directions on the assignment.

All assignments will be due on the due date. Late assignments will be penalized at 10% per day (including weekends for those assignments that are electronically submitted.)

When articles are assigned for class, students are expected to read the article and be prepared to participate in a class discussion. Quizzes (announced or unannounced) may be given to provide incentive to be prepared.

COURSE EVALUATION PROCESS:

Basis of Assignment of Grades: The evaluation will be based upon total points obtained from examinations and assigned projects (cases, papers, etc.).

The grading scale will consist of total points earned:

- 90% - 100% of total points = A
- 80% - 89% of total points = B
- 70% - 79% of total points = C
- 60% - 69% of total points = D
- 00% - 59% of total points = F
Your grade will be determined by the percent of points accumulated from the following (this is subject to change):

<table>
<thead>
<tr>
<th>Component</th>
<th>Points</th>
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<tbody>
<tr>
<td>Exams</td>
<td>200</td>
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<tr>
<td>Case</td>
<td>100</td>
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<tr>
<td>Paper</td>
<td>100</td>
</tr>
<tr>
<td>Project</td>
<td>150</td>
</tr>
<tr>
<td>Assignments</td>
<td>150-200</td>
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Makeup of regular scheduled exams will be allowed (time set by your instructor) only if the instructor is notified in advance of a student's absence and then only if the absence is considered excused.

**ATTENDANCE POLICY:**
Attendance Requirements: Regular class attendance is crucial to the development of a student's knowledge and skills. Student evaluation is based upon both active class participation and upon completed projects, thus student evaluation will be affected by class attendance.

Students are expected to conduct themselves in a manner that produces the best learning environment for all. Electronic devices must be turned off. If needed for “on call or emergency contact” situations, they should be set to vibrate so that they will not interrupt the class. During exams and quizzes, any electronic devices that need to remain on will be left with the instructor.

**WITHDRAWAL POLICY:**
The instructor may initiate a withdrawal for excessive student absences. Students who decide to withdraw and receive an automatic "W" must complete the formal withdrawal procedure by Wednesday October 26, 2011. After that date, a student may not withdraw from the class nor may the instructor assign a "W".

**ACADEMIC DISHONESTY:**
At Emporia State University, academic dishonesty is a basis for disciplinary action. 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.) The faculty member in whose course or under whose tutelage an act of academic dishonesty occurs has the option of failing the student for the academic hours in question and may refer the case to other academic personnel for further action. Emporia State University may impose penalties for academic dishonesty up to and including expulsion from the university. Cheating and plagiarism will not be tolerated. You are encouraged to share your knowledge and experience with your fellow students; however, the final product of exams and assessments are meant to be individual efforts and those that are not may be punished by failure (score of zero) on that assignment and referral to the appropriate University offices.
DISABLED STUDENT POLICY:
Please contact the instructor immediately if (1) you have or think you have a disability or medical condition which may affect your performance, attendance, or grades in this class and for which you wish to discuss accommodations of class related activities or schedules, (2) you may require medical attention during class, or (3) you may need special emergency evacuation preparations of procedures. 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. Contact the Office of Disability Services and Non-Traditional Student Programs at Room 211 S. Morse Hall, 620/341-6637 Voice, 620/341-6646 TTY, or via e-mail disabser@emporia.edu. Accommodations are provided on an individualized, as-needed basis after needs and circumstances have been evaluated.

COURSE TOPICS:

NOTES:
- As a class we may decide to include alternate topics.
- Also instructor discretion may cause changes in the following sequence and content.

1. Introduction/overview of ERP
2. History of ERP and SAP
3. SAP Introduction
4. Sales Order Process in SAP
5. Reengineering
6. Event Process Chain Diagrams
7. Purchasing Process in SAP
8. Implementation of ERP Systems
9. Change Management
10. Production in SAP
11. Production/Inventory Management
12. Supply Chain
13. Reporting in SAP
14. Accounting Impacts
15. The impacts of ERP systems on Business Processes

Final Exam: Tuesday, December 13, 2011 10:10 – 12:00