

ERP 349 ERP System Administration Course Syllabus – Summer 2010

INSTRUCTOR AND COURSE INFORMATION

Instructor: Ian Franco	Class Hours: Tu Th 7:00 pm – 9:30 pm
Office: Via Blackboard	Class room: BCH 213 / EEC Lab / Online
Phone: 314-922-0024	Office Hours: By appointment
E-Mail: francoi@mst.edu	Class Web: http://blackboard.mst.edu
Course Credit: 3 semester hours of credit	
Prerequisite: (ERP 246 or ERP346) previously or concurrently.	

COURSE CATALOG DESCRIPTION:

System administration and performance monitoring practices for an Enterprise Resource Planning (ERP) system will be studied. Students will study ERP application technical architecture, operational and performance factors, and application and data security considerations.

COURSE OBJECTIVES

Course Objectives	Program Learning Objectives				
	Communication Skills	Critical Thinking	Information Technology	Teamwork & Leadership	Global & Multicultural Issues
• Understand and communicate complex tools and processes used in administering and managing an Enterprise Resource Planning environment.	X	X	X	X	X
• Understand and communicate standard ERP administration concepts.	X	X	X	X	X
• Understand how technical ERP knowledge can be used to supplement the skill set of functional ERP professionals		X	X		
• Gain hands-on experience in various system administration and landscape planning practices in an Enterprise Resource Planning environment			X		

TEXTBOOK(S) AND MATERIALS FOR COURSE

- Required Textbook: *SAP NetWeaver AS ABAP System Administration*; Fose, Hagemann, Will; SAP Press. ISBN:978-1-59229-174-8

GRADING POLICIES AND PROCEDURES:

Item	Points	Item	Points
Exam 1	200 pts	Lab Activities	100 pts
Exam 2	200 pts	Homework	200 pts
Final Exam	200 pts	Project	100 pts
TOTAL	1000 points		

Grading Scale:

A: $\geq 90\%$ B: 89-80% C: 79-70% D: 69-60% F: 59% and lower

General Grading Policies:

- **ALL ASSIGNMENTS AND TESTS ARE INDIVIDUAL WORKS UNLESS OTHERWISE SPECIFIED.**
- All assignments should be submitted by the start of class on the date announced. **NO LATE ASSIGNMENTS WILL BE ACCEPTED.**
- Please make every effort to make it to class on time. It is disruptive to the class to have members arriving late.
- Attendance is required. However, if you are unable to attend a class, you need to **turn in assignments in advance** (ask a friend to turn it in for you, use digital drop box provided by blackboard, etc.). You are also responsible for finding out what was covered in class and what announcements were made as well as obtaining handouts.

Exams, Tests, and Quizzes

- There will be two tests and one final examination. **All exam materials may become property of the instructor after completion.**
- It is possible to have announced and pop quizzes throughout the semester. Student will be given the date of announced quizzes one week in advance.
- Exam dates and quizzes are a part of the class schedule. Failure to appear for an exam/quiz will result in the assignment of a zero for that exam/quiz. If you are going to miss an exam with a legitimate reason (e.g., scheduled surgery, official University business, etc.), contact the instructor **PRIOR** to the administration of that exam/quiz.
- A make-up quiz/test may be allowed **during the final exam period** only if convincing reasons and proper documentations (such as a doctor's note in case of a surgery/illness) are given for the absence. The make-up exam will be a comprehensive exam covering the material from throughout the course.
- All in-class quizzes and tests are closed books and closed notes unless otherwise specified.

Team Research Project:

A team of **THREE or fewer** members will complete a research project on a topic related to the course content. The project topics will be provided by the instructor with supplementary documentation as well as direction on where to find additional resources. The project will be graded based on three deliverables:

1. A 3 to 5 page report.
2. A 15 minute in-class presentation
3. The configuration of the functionality assigned

Class Attendance and Participation:

- Student participation and discussion is essential to ensure that the course topics are understood and are made relevant to actual business situations encountered in the workplace. As such, attendance and participation are an essential factor in the learning process and a tool for assessing student learning. You are encouraged and expected to attend all classes.
- It is the responsibility of the student to collect and complete assignments given in classes that they are unable to attend.
- Any assignments, quizzes, labs, etc that are not turned in due to an unexcused absence will receive a score of zero.

GENERAL COURSE POLICIES:

- **Academic Alert System:** <http://academicalert.mst.edu>
Missouri S& T is committed to the success of its students by providing an environment conducive to

teaching and learning. To ensure that every student takes full advantage of the educational opportunities and support programs on campus, the University has implemented an *Academic Alert System*, a web-based application. To assist you, the instructor will initiate an academic alert for students who are not meeting academic course requirements through poor performance on assignments or poor attendance. When an alert is initiated, an email is immediately sent to the instructor, student, and advisor. You are encouraged to respond quickly to all academic alerts. If you fail to open the alert within one week, email notification is sent to your advisor.

- **Disability Support Services:** <http://dss.mst.edu>

Any student inquiring about academic accommodations because of a disability should be referred to Disability Support Services so that appropriate and reasonable accommodative services can be determined and recommended. Disability Support Services is located in 204 Norwood Hall. Their phone number is 341-4211 and their email is dss@mst.edu. If you have a documented disability and anticipate needing accommodations in this course, you are strongly encouraged to meet with the instructor early in the semester. You will need to request that the Disability Services staff send a letter to the instructor verifying your disability and specifying the accommodation you will need before I can arrange your accommodation.

- **Academic Dishonesty:** <http://registrar.mst.edu/academicregs>

Violations of the University's academic code include, but are not limited to, possession of or use of unauthorized materials during assignments, quizzes, or tests; providing unauthorized information to another student; or copying the work of another person. Violations may result in academic penalties in addition to receiving an "F" on the assignment in question. (See page 30 of MST's "Student Academic Regulations" handbook for further details about student standards of conduct relative to the system's Collected Rules and Regulations section 200.010.)

- **Lateness**

Normally, the instructor will be in class on time. However, if the instructor is late by more than fifteen minutes, students should check with the Department of Business & Information Technology (573-341-4812) located in Fulton 101 whether the class will be canceled. Students are expected to be in class on time.

Tentative ERP 349 Class Schedule

This schedule may change. The instructor will announce any schedule changes in class.

Class	Day	Date	Lecture	Reading Assignment	Work Assignment	Assignment Due Date
1	Tuesday	06/08/10	Intro / Chapter 1 – Architecture	Chapter 1	Exercise 1	6/10/2010
2	Thursday	06/10/10	Chapter 1 – Architecture	Chapter 2	Exercise 2	6/15/2010
3	Tuesday	06/15/10	Chapter 2 – Process Concept		Exercise 3 & 4	6/22/2010
4	Thursday	06/17/10	Chapter 2 – Process Concept	Chapter 3	Exercise 5, 6, & 7	6/22/2010
5	Tuesday	06/22/10	Exam 1 Review / Chapter 3 – AS ABAP Basics	Chapter 4		
6	Thursday	06/24/10	Exam 1 / Chapter 4 – System Landscapes	Chapter 5	Exercise 8	6/26/2010
7	Tuesday	06/26/10	Chapter 5 – Client Administration	Chapter 6	Exercise 9	7/6/2010
8	Thursday	07/01/10	Chapter 6 – Software Logistics	Chapter 7	Exercise 10	7/6/2010
9	Tuesday	07/06/10	Review / Chapter 7 – Maintaining Instances		Exercise 11	7/22/2010
10	Thursday	07/08/10	Exam 2 / Group Meetings	Chapter 8		
11	Tuesday	07/13/10	Chapter 8 & Chapter 13	Chapter 9 / Chapter 11	Exercise 12 / 13	7/22/2010
12	Thursday	07/15/10	Chapter 9 / Chapter 11	Chapter 14 / Chapter 15		7/22/2010
13	Tuesday	07/20/10	Chapter 14 / Chapter 15		Exercise 14	7/22/2010
14	Thursday	07/22/10	Solution Manager / AS Java / Final Review			
15	Tuesday	07/27/10	Presentations			
16	Thursday	07/29/10	Final			