

**BCIS 495. Section 01**  
**Enterprise Systems Development**  
**Class Meets TR 2:35 – 3:50 p.m., GU 303**

**Instructor:** Dr. Carlo A. Mora M.  
**Office Hours:** T: 04:00 – 05:00 p.m.  
W: 10:30 – 11:30 a.m.  
or by appointment

**Office:** Guthrie 218  
**Phone:** 646-5044  
**Website:** <http://learn.nmsu.edu>

### Course Description

Enterprise information portal (EIP) is a framework for integrating information, people and processes across organizational boundaries using web-based technologies. This course covers concepts in EIPs (e.g. SAP NetWeaver Portal) and their wide range of options they provide to integrate ERP solutions, third-party applications, legacy systems, databases, unstructured documents, internal and external Web content, and collaboration tools. Additionally, an introduction to the ABAP programming language will be covered.

**Prerequisite:** BCIS 485/ BCIS 560 or by consent of instructor.

### Course Objectives

By the end of the semester, each student should know:

- **Business processes** common to most businesses, including order processing, procurement, etc.
- **Understand how EIPs provide a single centralized view** that span IT silos and organizational boundaries.
- How EIPs allow companies to **take full advantage of information resources**.
- **How to use EIPs to integrate** SAP solutions, third-party applications, legacy systems, databases, unstructured documents, internal and external Web content, and collaboration tools.
- **Gain a basic knowledge** of SAP's programming language, known as ABAP.

### Suggested Textbook

Although there will be no required textbook in the class, I will be using a number of technical textbooks as reference, including:

1. SAP Netweaver Portal Technology. The Complete Reference by Rabi Jay, McGrawHill (2008).
2. SAP Netweaver Portal by Valentin Nicolescu, Katharina Klappert, and Helmut Krcmar, SAP Press (2008).

## Point Distribution and Grades

Scores for each category of points will be approximately weighted as shown below.

	<i>Quantity (Estimated)</i>	<i>Estimated Percentage of grade</i>
Exams	2	50%
Labs	9	30%
Group Project	1	20%
<b>Total</b>		<b>100.00%</b>

Grades will be assigned as follows:

90% through 100%	A
80% through 89.9%	B
70% through 79.9%	C
60% through 69.9%	D
Below 60%	F

**Note:** After all the material is graded, letter grades will be assigned as in the table above. I will do some rounding, but in the following manner: 89.444 is a B, no exceptions, but 89.445 will round to an A.

**Labs.** There will be about 9 labs to enforce the concepts discussed in class. These will be done using SAP. The purpose of the labs is to give you hands on experience on the development and customization of Enterprise Portals.

**Exams.** There will be two exams. They will cover material from the lectures and labs. Questions will be a combination of multiple choice and short answer. There might also include essay questions.

### Class Procedures

The teaching method for this course will include lecture/discussion, in-class and out-of-class labs. All labs are to be done individually.

### General Policies

#### Attendance

You **are expected to attend class**. Although I will not take attendance, you cannot expect to have a thorough grasp of the material if you miss class. You are responsible for all material or assignments that are covered in class.

#### Getting help outside office hours

The Discussions section of Blackboard is an extension of my office hours. You are to post all technical questions here. **I will not answer questions about homework in private e-mails**. Make sure you use relevant subject headings for your postings. A good, descriptive subject heading will help other students learn from the answers to your questions. A subject heading of "Error" is not relevant. An example of a more relevant subject heading is "Help: Lab 5 step 20 gives me a different answer"

If you are going to start a new topic, or ask a new question, make sure that you start a new thread. Continuing a previous thread with a new question will only ensure that most people miss your question.

Be sure to include enough information in your question. For example, if you are getting a compilation error, make sure you list the compile line you used, the entire error message, and at least 10 source lines that precede the line about which the compiler is complaining. This will give me more information and thus, the more likely you will get a helpful answer. **Do not wait until the last minute to post a question.** I strongly encourage other students to post answers to questions they see on the Discussion Board.

### Missing Exams

- Makeup Exams will be given only under extraordinary circumstances and the student **must** submit a **legitimate excuse**. Examples of legitimate excuses:

<b>If it is ...</b>	<b>You have to bring a...</b>
Due to illness:	note from doctor
Due to business:	note from supervisor
Death in family:	note from family member and obituary
Other	on a case-by-case basis

**Read carefully:** I must be informed prior the exam to count as a legitimate excuse. **If you cannot reach me, leave a message at the department's office (646-4901) indicating time and date.** Notifying me by email will not be sufficient. Notifying me after the exam will result in a grade of zero for that exam. Your excuse must be submitted to me and it must contain a telephone number so that your absence can be verified. **Failure to follow the guidelines will mean that you forfeit the excused absence option.**

If a student misses an exam **without a legitimate excuse**, s(he) will receive a grade of zero for that exam.

### Grading the Assignments:

Your instructor or GA will check your work. Points will be deducted if the submission is incomplete or incorrect. Please be advised that I will be strict if I find someone submitting somebody else's assignment.

**Late Submissions:** Labs may be turned in late, but they lose a percentage of their graded point values each class period that they are late according to schedule shown below (weekday = Monday through Friday):

On time:	0%
Up to 1 weekday late:	10%
Up to 2 weekdays late:	30%
Up to 3 weekdays late:	60%
More than 3 weekdays late:	100%

### Withdrawal Policy

Last day to Withdraw is **Wednesday, October 14**. No faculty or department head signatures are required to drop a class if you drop a class on or before this date.

### Incompletes

A grade of "I" (Incomplete) will be assigned only in circumstances in agreement with the current NMSU *Undergraduate Catalog* ([http://www.nmsu.edu/Academic\\_Progs/Undergraduate\\_Catalog/ch1/regulations.html](http://www.nmsu.edu/Academic_Progs/Undergraduate_Catalog/ch1/regulations.html)). Incomplete grades are to be given only if a student has passed the first half of the course and is unable to complete the course due to circumstances beyond the student's control. (If the circumstances develop during the first half of the course, the student has the opportunity to drop the class). Examples of

appropriate circumstances are documented illness, documented death or crisis in the student's immediate family and similar circumstances. The catalog states that job related circumstances are generally not appropriate grounds for assigning an "I" grade and that this grade is not to be used to avoid assigning a D, F, or U grade.

### **Academic Misconduct**

All work submitted must be your original work. Any work done by groups of more than one (i.e., the work of two or more students is remarkably similar), or too similar to work of previous students will be construed as cheating. Your work must be kept private from others; should your work appear in the work of another student, both parties will be considered to have cheated, both will receive a failing grade for the course. Please refer to the Student Handbook

([http://www.nmsu.edu/~vpss/SCOC/student\\_hand\\_book.html](http://www.nmsu.edu/~vpss/SCOC/student_hand_book.html)) for a full description of the NMSU Policy. **However, discussion of principles and approaches between class members is encouraged.**

### **Disabilities Statement**

If you have or believe you have a disability and would benefit from any accommodations, you may wish to self-identify by contacting the Services for Students with Disabilities (SSD) Office (phone: 646-6840). If you have already registered, please make sure that your instructor receives a copy of the accommodation memorandum from SSD within the first two weeks of classes. It is your responsibility to inform either your instructor or SSD representative in a timely manner if services/accommodations provided are not meeting your needs.

If you have a condition which may affect your ability to exit safely from the premises in an emergency or which may cause an emergency during class, you are encouraged to discuss any concerns with the instructor and/or Michael Armendariz, SSD Coordinator. Feel free to call Mr. Gerard Nevarez, Director of Institutional Equity and EEO/ADA Office at 646-3635 with any questions about the Americans with Disabilities Act (ADA) and/or Section 504 of the Rehabilitation Act of 1973. All medical information will be treated confidentially.

### **Professional Behavior Guidelines**

**Tardiness:** Please arrive on time. If you are later than the start of the class, please quietly take a seat nearest the entrance.

**Side Conversations:** Side conversations make it difficult for your classmates to actively listen and learn.

**Sleeping:** falling asleep in class is not considered professional behavior.

**Inattention:** Please do not read other material (chat, browsing the web, books) or study for other courses during the class. It is not polite. Please pay attention and join in the individual and group discussions. It will help you master the material.

**Cell Phone:** Please turn off your cell phone or set it to silent mode while you are in the class. Cell rings can disturb your classmates as well as me.

### **Miscellaneous Policies**

- Although I will try to maintain the class schedule and objectives, I may need to make adjustments.
- I do not give additional projects to increase one's grade before or after the exam(s).
- No food or drinks allowed in the lab.