Enterprise Resource Planning (ERP) - BCIS 485/560, Fall 2012, Room: GU 303,
Day/Time: TuTh, 8:55 – 10:10 am
Instructor: Jim Shannon
E-mail: jshannon@nmsu.edu
Canvas: http://learn.nmsu.edu/

Office: Guthrie 318
Office Phone: 646-4281
Office Hours: MW 11:30 am – 1:00 pm, TuTh 10:30 am – 12:00 pm or by appointment. I'm in my office a lot of the time outside of class.

Classes: MWF 9:30 – 10:20 am, BCIS 338 in BC 102
MWF 10:30 – 11:20 am, BCIS 338 in BC 102
TuTh 8:55 – 10:10 am, BCIS 485 in GU 303
TuTh 2:35 – 3:50 pm, BCIS 322 in BC 303

Textbooks and other materials

ERP Simulation Game Participants Guide by Leger, Robert, Babin, Pellerin, and Wagner, Pearson Publishing. This guide and the access code to the simulation are purchased from HEC (the university in Canada where the authors work). The cost should be approximately $40 USD dollars ($40 Canadian, it can vary because of fluctuations in conversion rates). Here's how to get the book and register for the ERPSim game.

- Go to: http://erpsim.hec.ca/learning/#/login
- Click the “Purchase material” button (below the logon fields)
- Enter your NMSU email address twice and click Continue. Be sure to use your NMSU email address.
- You will first specify a Country (US), then State (New Mexico), and then School (NMSU), then an Event and you should see our class. Select it and then click continue
- Click the Pay CAD $ 40 by credit card button to continue. That’s $40 Canadian dollars which was 40.55 US dollars 8/22/2012, 8:30 am.
- Click the Pay now button to go to a secure site to pay. You will be asked one more time for your email address – use your NMSU email address because this is used by the ERPSim learning portal.

Everyone must pay for the digital text and get a simulation registration code. You cannot participate in the simulation without your registration code. You must have purchased the text by the Thursday, September 6, or you will be withdrawn from the course.

Course Description - This course covers concepts in enterprise resource planning (ERP). The main focus of this course is to show how ERP systems integrate business processes across functional areas and support business management and performance analysis. An ERP system integrates the flow of data and documents from one functional area to the next. This course will also examine how ERP systems evolved from early computer systems and manufacturing, the implications of legislation, such as the Sarbanes-Oxley Act, for businesses with ERP systems. This courses uses a simulation that runs in SAP (the industry leader in ERP software).

Prerequisite: BCIS 338 or BCIS 350 with a grade of C or better or by consent of instructor.

Course Objectives - The student who completes this course should know:

- Business processes common to most businesses--order processing, inventory management, procurement, etc.
- Master data common to most businesses—customer, vendor, inventory, etc.
- Process modeling—understanding diagrams that depict the sequence of tasks completed in a business process.
- How a business process often spans different functional areas of the business: accounting, marketing, material management, etc.
- How enterprise systems, such as SAP, integrate business functional areas into one enterprise-wide information system.
- The issues involved in implementing an ERP system.

**Quizzes and Exams** - There will be 4 quizzes and two exams. The quizzes and exams will cover material from the textbooks, lectures, and assigned outside readings. Quiz/exam questions will be a combination of multiple choice and short answer and exams may include one or two essay questions.

If you miss an exam due to illness, work, or a university-sponsored activity, you must provide proper notification to the instructor as soon as possible. If no valid excuse is provided the student will receive a score of zero for the missed exam.

**Assignments** - There will be individual and team assignments throughout the semester to enable each student to use ERP software, such as SAP, and to assimilate some of the concepts covered.

- **Scheduled Assignments**: There are scheduled individual assignments and several scheduled team assignments shown in the Course Schedule.
- **Unscheduled Assignments**: There may be individual and/or team assignments that are not shown on the Course Schedule. These are likely to occur on the “debriefing” classes that follow a simulation.
- **Late Assignments**: Penalties for late assignments are shown below. Note: If the assignment is a group assignment, the late penalty will apply to each member of the group.

<table>
<thead>
<tr>
<th>Days Late</th>
<th>Late Penalty</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>10%</td>
</tr>
<tr>
<td>2</td>
<td>15%</td>
</tr>
<tr>
<td>3</td>
<td>25%</td>
</tr>
<tr>
<td>More than 3</td>
<td>Not accepted for grading</td>
</tr>
</tbody>
</table>

**Team Work & Presentation** - An important component of this course will be to set up and run a business using ERPsim (a simulation that runs live in SAP). The business will run for 7 or 8 quarters. At the conclusion of this simulation, each team will prepare a presentation to explain what strategic and operational decisions they made for their company and the reasons why.

**Attendance Policy** - Attendance is important to doing well in this class. The majority of classes will involve team activities so an absence means your team members must do your share of the work.
Simulation Day Attendance: Attendance is required on days when the simulation is run, when student teams must operate their business. Each person will have an important role to play in their team's company decisions. There will be a 5% (2.5% if you are late) penalty of the overall course percentage for each unexcused absence during the simulation runs (i.e. half a letter grade for the final course grade).

Non-Simulation Day Attendance: For each two unexcused absences, there will be a 2.5% penalty of the overall all course percentage.

In addition to lecture and discussion there will be several hands-on exercises using SAP. If a student misses a class, it is up to the student to find out what was covered by talking to other students, getting someone's notes, and checking the class Canvas site. The student may get specific assignments from the instructor or get answers to specific questions after reviewing notes for the missed class.

Class Procedures - The teaching method for this course will include lecture/discussion, in-class exercises, and individual assignments. All individual assignments are to be done independently.

Online Procedures - Most of the course material will be available through the Canvas site for this class. Check the different links so that you can make full use of the available resources. The Discussion section in Canvas will be used for the ERPSim simulation and as a central point to post general questions.

Students with Disabilities
Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act (ADA) covers issues relating to disability and accommodations. If a student has questions or needs an accommodation in the classroom (all medical information is treated confidentially), contact:

Trudy Luken
Student Accessibility Services (SAS) – Corbett Center, Room 244
Phone: 646-6840  Email: sas@nmsu.edu
Website: www.nmsu.edu/~ssd/

Discrimination
NMSU policy prohibits discrimination on the basis of age, ancestry, color, disability, gender identity, genetic information, national origin, race, religion, retaliation, serious medical condition, sex, sexual orientation, spousal affiliation and protected veterans status. Furthermore, Title IX prohibits sex discrimination to include sexual misconduct, sexual violence, sexual harassment and retaliation. For more information on discrimination issues, Title IX or NMSU's complaint process contact:

Gerard Nevarez or Agustin Diaz
Office of Institutional Equity (OIE) – O'Loughlin House
Phone: 646-3635  Email: equity@nmsu.edu
Website: www.nmsu.edu/~eeo

Scholastic Dishonesty - Scholastic dishonesty will not be tolerated. The penalty for dishonest behavior can range from receiving a zero for an assignment or exam to censure from the University.
**Point Distribution and Grades** - The points possible for this course will be approximately as follows:

<table>
<thead>
<tr>
<th>Grade Component</th>
<th>Percentage of Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quizzes</td>
<td>15%</td>
</tr>
<tr>
<td>Two Exams</td>
<td>40%</td>
</tr>
<tr>
<td>Assignments (Includes Graduate Student Paper for graduate students)</td>
<td>15%</td>
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<tr>
<td>Team Peer Evaluations</td>
<td>5%</td>
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<tr>
<td>ERPSim Performance</td>
<td>5%</td>
</tr>
<tr>
<td>Company Presentation</td>
<td>20%</td>
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<tr>
<td>TOTAL</td>
<td>100%</td>
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Grades will assigned as follows:

- 90% through 100%: A
- 80% through 89%: B
- 70% through 79%: C
- 60% through 69%: D
- Below 60%: F