

## College of Business

## BA370: Business Systems Analysis -- Fall 2006

Mondays, Wednesdays, and Fridays 12:00 - 1:20pm, Bexell Hall Room 412

**CONTENTS**

- [Course Description](#)
- [Instructor](#)
- [Course Materials](#)
- [Blackboard](#)
- [Tentative Course Schedule](#)
- [Learning Outcomes](#)
- [Student Evaluation](#)
- [Group Assignments](#)
- [Individual Assignments](#)
- [Course Policies](#)

**INSTRUCTOR**

Byron Marshall, Ph.D.  
 Bexell Hall 426  
 (541) 737-6054  
[byron.marshall@bus.oregonstate.edu](mailto:byron.marshall@bus.oregonstate.edu)  
[Byron's web site](#)

[Course Syllabus - PDF version](#)

**OFFICE HOURS**

- Mon 2:30 - 3:30 PM
- Wed 10:00 - 11:00 AM
- Friday 10:00 - 11:00 AM
- And gladly by appointment

I would enjoy talking to you!

**COURSE DESCRIPTION -- BA370 is a four unit course.**

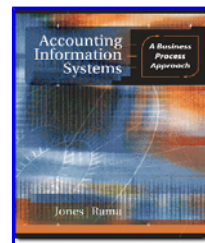
**The Catalog Description:** Introduce students to the field of information management. Topics include information systems technology, the strategic role of IT, the business applications of networks, databases and Internet technologies, and the development and implementation of information systems. Use relational database models to design a real-world case study. PREREQ: BA 272 or equivalent, BA 213, BA 271, BA 275, junior standing.

**Informally:** The rapid evolution and diffusion of information technology (IT) is transforming businesses and managed organizations. In most organizations today, IT systems are crucial for daily operations. These systems are facing new threats and new regulations. To be successful in the "information age," organizations need people who are knowledgeable about the operation and implementation of IT-based business applications. The BA370 course has been designed to introduce students to the information systems field. The lectures, readings, and assignments will introduce a number of key concepts and timely issues related to the use of Information Systems in organizations. Specific topics to be addressed include (among other topics): information systems technology, the business applications of networks and databases, the development of information systems, the implementation of systems, IT Governance, and appropriate internal control environments for IT-based business applications. In addition to the lecture and reading material, students will apply the techniques we cover in an integrated group project.

**COURSE MATERIALS**

Accounting Information Systems: A Business Process Approach, 2nd Ed.,  
 Jones, Fredrick & Rama, Dasaratha  
 ISBN: 0-324-30161-8 Thomson South-Western

Some course material will be available in Blackboard.



[Student Companion Site](#)

[Return to Contents](#)

## Tentative Course Schedule -- Spring 2006

JR# refers to a chapter in Jones-Rama. Please read <b>Reading</b> assignments in preparation for class.			
Week	Monday	Wednesday	Friday
1 Sep 25	Welcome - Introduction, Assignments	<b>Read:</b> JR1. Introduction to Accounting Information Systems <b>Due Thurs.:</b> <a href="#">List Group Members</a>	Project Assignment Overview <b>Read:</b> <a href="#">Beyond The Productivity Paradox</a> Brynjolfsson & Hitt (1998)
2 Oct 2	Graded Discussion then Transaction Cycles <b>Read:</b> <a href="#">The Productivity Paradox Resolved?</a> Kraemer & Dedrick (2001)	<b>Due:</b> <a href="#">Plan Group Work</a> <b>Read:</b> JR2. Business Processes and Data	
3 Oct 9	SDLC and Modeling <b>Read:</b> JR3. Documenting Systems	More Modeling <b>Due:</b> <a href="#">PRJ1: Create Narrative Description</a>	<b>Read:</b> JR4. Identifying Risks and Controls
4 Oct 16	COBIT: Controlling and Auditing IS <b>Due:</b> <a href="#">Diagram Activities (Individual)</a>		<b>Read:</b> JR5. Data Design
5 Oct 23	Structured and Unstructured Data <b>Due:</b> <a href="#">PRJ2: Diagram Activities</a> <b>Due:</b> <a href="#">PRJ3: Identify Controls</a>	Catch up and Review	Mid Term Exam: JR Chapters 1-5, COBIT, The Productivity Paradox, & other material from the slides.
6 Oct 30	<b>Read:</b> JR6. Queries and Reports	<b>Read:</b> JR7. Forms	To Be Determined
7 Nov 6	SQL -- Structured Query Language		
8 Nov 13	Computer Hardware <b>Due:</b> <a href="#">PRJ4: Design Data Structures</a> <b>Due:</b> <a href="#">PRJ5: Design Reports</a> <b>Due:</b> <a href="#">PRJ6: Design Forms</a>	Networking	Dr. Rene Reitsma: Open Source Software
9 Nov 20	<b>Read:</b> <a href="#">An Empirical Comparison of Seven Programming Languages</a> Prechelt (2000) IEEE Computer, V33	How Does the Internet Work? HTTP, W3C, and Web Services <b>Due:</b> <a href="#">Complete Group Project</a>	Thanksgiving Holiday
10 Nov 27	XML and XBRL	Feasibility Analysis <b>Due:</b> SQL homework assignment (This can be done much earlier!)	Knowledge Management and Lessons from the Database Market
Thursday Dec. 7th	Final Exam, 6:00pm - Bexell 412 (our regular classroom)		

[Return to Contents](#)

## STUDENT EVALUATION

Student evaluation will consist of two related areas--the understanding of basic concepts and the ability to apply tools and techniques. Students will demonstrate their understanding of concepts by participating in classroom discussions and completing written assignments, quizzes, and examinations. Students will demonstrate their ability to apply tools through completing assignments and projects.

Grade Component	Weighting
<a href="#">Group Project: Design and Build an AIS</a>	30 %
Individual Assignments and Quizzes	10 %
<a href="#">Midterm Examination</a>	30 %
<a href="#">Final Examination</a>	30 %

Final grade percentages			
Grade	Minimum Score	Grade	Minimum Score
A	93%	B+	87%
A-	90%	B	83%
		B-	80%
		C+	77%
		C	73%
		C-	70%
		D+	67%
		D	63%
		D-	60%

### *Individual Assignments, and Quizzes:*

- *Assignments:* Two assignments are planned
  - Individual UML Activity Diagram: See [Group Project Description](#)
  - SQL exercises. These exercises will be made available in Blackboard.
- *Quizzes* may be given during the term. Quizzes will be given during class, and are usually discussed immediately after completion. Individuals not in class will not be allowed to make up the quiz once it is discussed in class. Quizzes will be based upon the assigned readings or material previously presented in class.

[Return to Contents](#)

---

## COURSE POLICIES

### **Academic Honesty Policy:**

Individuals are encouraged to discuss the projects and assignments outside of class and share ideas. However, unless specified as a team assignment, each person must individually complete and submit his/her own work. Students are expected to uphold the OSU standard of conduct for students relating to academic dishonesty. Academic dishonesty is defined as an intentional act of deception in which a student seeks to claim credit for the work or effort of another person or uses unauthorized materials or fabricated information in any academic work. Students assume full responsibility for the content and integrity of the academic work they submit. The guiding principle of academic integrity is that a student's submitted work, examinations, reports, and projects must be that student's own work for individual assignments, and the group's own work for group assignments/projects. Students are guilty of academic dishonesty if they:

- Use or obtain unauthorized materials or assistance in any academic work; i.e., cheating.
- Falsify or invent any information regarded as cheating by the instructor; i.e., fabrication.
- Give unauthorized assistance to other students; i.e., assisting in dishonesty.
- Represent the work of others as their own; i.e., plagiarism.

- Modify, without instructor approval, an examination, paper, record or report for the purpose of obtaining additional credit; i.e., tampering.

The penalty for academic dishonesty is severe. Any student guilty of academic dishonesty may be subject to receive a failing grade for the exam, assignment, quiz, or class participation exercise as deemed appropriate by the instructor. In addition, the penalty could also imply that the student receive a failing grade for the course and be reported to the University officials at the College of Business, and the officials at the Office of Student Affairs.

### **Behavior in Class:**

- Behavior in class should be professional at all times. The atmosphere within the classroom should be the same as you might expect in a casual business meeting. People must treat each other with dignity and respect in order for scholarship to thrive. Behaviors that are disruptive to learning will not be tolerated and may be referred to the Office of the Dean of Students for disciplinary action.

### **Accommodations:**

- Students who have any emergency medical information the instructor should know of, who need special arrangements in the event of evacuation, or students with documented disabilities who may need accommodations should make an appointment with the instructor as early as possible, no later than the first week of the term. If additional assistance is required the student should contact the Office of Disability Services.

**This statement is gladly included in cooperation with University policy:** *"Accommodations are collaborative efforts between students, faculty and Services for Students with Disabilities (SSD). Students with accommodations approved through SSD are responsible for contacting the faculty member in charge of the course prior to or during the first week of the term to discuss accommodations. Students who believe they are eligible for accommodations but who have not yet obtained approval through SSD should contact SSD immediately at 737-4098."*

### **Discrimination or Harassment:**

- Discrimination or harassment will not be tolerated in the classroom. Most cases of discrimination or harassment violate Federal and State laws and University Policies and Regulations. Intentional discrimination or harassment will be referred to the Affirmative Action Office and dealt with in accordance with the appropriate rules and regulations.
- Unintentional discrimination or harassment is just as damaging to the offended party, but it usually results from people not understanding the impact of their remarks or actions on others, or an insensitivity to the feelings of others. We must all strive to work together to create a positive learning environment. This means that each individual should be sensitive to the feelings of others and tolerant of the remarks and actions of others. If you find the remarks and actions of another individual offensive, please bring it to their attention. If you believe those remarks and actions constitute intentional discrimination or harassment, please bring it to your instructor's attention.

### **Arbitration:**

- There will be a one-week arbitration period after graded items (projects, assignments, etc.) are returned. Within that one-week period, you are encouraged to discuss any assumptions and/or misinterpretations that you made about the activity that may have influenced your grade.

[Return to Contents](#)