

SYLLABUS

1. Wayland Baptist University, Phoenix Campus, School of Business
2. Mission Statement: Wayland Baptist University exists to educate students in an academically challenging, learning-focused and distinctively Christian environment for professional success, lifelong learning, and service to God and humankind.
3. Course: **MISM 3303 – PX 01 Information Systems Theory and Practice -**
4. Term: Winter 2009
5. Instructor: Dr. Mary F. Maloney
6. Office Phone and email: 602-271-1011; marymaloney@cox.net - home phone 623-546-0889
7. Office Hours, Building, and Location: Monday & Friday – CPC 1:00 to 5:30
8. Class Meeting Time and Location: Saturdays - 8 AM to 4 PM -- NOV 14, DEC 12, JAN 23
9. Catalog Description: This course provides an understanding of organizational systems, planning, and decision process, and how information is used for decision support in organizations. It covers quality and decision theory, information theory, and practice essential for providing viable information to the organization. It outlines the concepts of IS for competitive advantage, data as a resource, IS and IT planning, re-engineering, project management and development of systems, and end-user computing.
10. Prerequisites: COSC 2311.
11. Required Textbook and Resources:

BOOK	AUTHOR	ED	YEAR	PUBLISHER	ISBN NUMBER
Management Information Systems	Effie Oz	6nd	2008	Thompson	978-1-4239-0178-5

12. Required Materials: - MICROSOFT OFFICE 2007 – Access and Excel

13. Course Outcome Competencies:
 - Describe what is implied by the term project scope and describe project life cycle and systems development life cycle.
 - Explain the associated concepts of information Technology Project Management Methodology and measurable Organizational value.
 - Assess the types of conflict potentials in IS project management.
 - Describe the pros and cons of IS project management tools and demonstrate proficiency with a software tool with respect to Gantt charts, AON, CPM, and PERT.
 - Apply metrics for project estimation.
 - Explain the concept of project risk management and demonstrate proficiency in several qualitative and quantitative approaches for assessing risks and developing risk strategies.
 - Describe IT project quality management and how international and professional standards are developed and applied.
 - Describe how to implement an IT project and bring it to closure

14. Attendance Requirements:

“Students enrolled at one of the University’s external campuses should make every effort to attend all class meetings. **All absences must be explained to the instructor, who will then determine whether the omitted work may be made up.** When a student reaches that number of absences considered by the instructor to be excessive, the instructor will so advise the student and file an unsatisfactory progress report with the campus dean. Any student who misses 25% or more of the regular scheduled class meeting will receive a grade of F in the course. Additional attendance policies for each course, as defined by the instructor in the course syllabus, are considered a part of the University’s attendance policy.” **Therefore any student who misses more than one morning, afternoon, or evening session will be subject to the penalties of this policy.**

15. Disability Statement “In compliance with the Americans with Disabilities Act of 1990 (ADA), it is the policy of Wayland Baptist University that no otherwise qualified person with a disability be excluded from participation in, be denied the benefits of, or be subject to discrimination under any educational program or activity in the university. The Coordinator of Counseling Services serves as the coordinator of students with a disability and should be contacted concerning accommodation requests at (806) 291- 3765. Documentation of a disability must accompany any request for accommodations.”

16: Course Requirements and Grading Criteria:

Quizzes:	Weekly quizzes on blackboard under assignments. NO LATE QUIZZES WILL BE ACCEPTED.	40%
Research	See Below for requirements	30%
Assignments:	Posted on Blackboard under assignments. NO LATE ASSIGNMENTS WILL BE ACCEPTED	30%

17. Tentative Schedule: (Calendar, , Assignments)

Week beginning	Topics
Nov 9	Business Information Systems an Overview
November 14	Class Meeting
Nov 16	Strategic Uses of Information Systems Business Functions and Supply Chains
Nov 23	Business Hardware Business Software
Nov 30	Business Networks and Telecommunications Databases and Data Warehouses
Dec 7	The Web Enabled Enterprise
December 12	Class Meeting
Dec 14	Challenges of Global Information Systems
Jan 4	Decision Support and Expert Systems
Jan 11	Business Intelligence and Knowledge Management
Jan 18	Systems Planning and Development Choices in Systems Acquisition
January 23	Class Meeting - PRESENTATIONS
Jan 25	Risks, Security, and Disaster Recovery
Feb 1	Final Paper

18. Additional information as desired by the faculty member.

Research Assignment:

Research the literature and/or interview people who are involved in projects at your workplace and prepare a 15 minute presentation in

PowerPoint and a 5 page paper in APA format on one of the topics listed below: **You should have a minimum of 5 citations.** Suggested topics:

1. Advertising on the Web: Options and trends
2. Security issues in organizational ISs: Problems and solutions
3. Security risks on the Web: Problems and solutions
4. ISs for facilitation of collaborative work
5. Virtual reality in business
6. Case study: A successful strategic information system
7. Case study: A failed IS development project
8. How CIOs deal with customer privacy issues
9. The chief security officer (CSO): Challenges and solutions
10. Data mining in the _____ industry
11. RFID: Trends and challenges
12. Defense Information Systems Agency
13. Decision Support Systems
14. Disaster Recovery
15. Knowledge Management
16. Challenges of Global Information Systems
17. Supply Chains and Information Systems
18. Airlines and Information Systems
19. Walmart and Information Systems
20. K-Mart and Information Systems

ASSIGNMENTS:

Will be distributed at the first class meeting.