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Management Information Systems Syllabi

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2010

### 495-01 Systems Development Project

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*Xavier University*

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**INFO 495 – 01 SYSTEMS DEVELOPMENT PROJECT  
COURSE SYLLABUS (Spring 2010)**

**CLASS LOCATION AND TIME:** Hailstones Hall, Room 4 Tues (2.30 – 5.00pm)

**INSTRUCTOR:**

Name                      Dr. Adekunle Okunoye  
Email:                     [okunoye@xavier.edu](mailto:okunoye@xavier.edu)  
Office Location:        Room 319 Hailstones Hall  
Office Hours:            **Monday** 9:00am – 2:00pm  
                              **Tuesday and Thursday** 1:00pm – 2:00pm  
                              Or by appointment  
Telephone:              513 745 3052 (office)

Textbooks (Reference only):

- Effective Project Management – Traditional, Agile and Extreme. Robert K. Wysocki. 5th Edition. Wiley Publications ISBN 978-0-470-42367-7
- Project Management for Business, Engineering, and Technology. John Nicholas and Herman Steyn 3<sup>rd</sup> Edition BH Publication. ISBN 978-0-7506-8399-9
- *Introduction to Systems Analysis and Design*, Whitten & Bentley
- A comprehensive reference book for Access, Visual Basics etc *may* be necessary as reference for each team.

**Pre-requisites**

INFO-450 (Systems Analysis and Design) is absolute pre-requisite and INFO-358 (Data Modeling) is pre-requisite or co-requisites. Other courses listed as pre-requisites for INFO-450 (FINC-300, MGMT-300, and MKTG-300) are all required courses for a BSBA degree and provide a solid base for development of your project. You are responsible for project management, communication (oral and written), and the overall management and marketing of your project. Knowledge of Access and Visual Basic is also required to complete most projects.

It is likely that students will need more knowledge of MS Access and Visual Basic than is normally acquired in the pre-requisite classes. Therefore, students are required to use outside resources to acquire the additional knowledge necessary to complete the projects. Sources of additional knowledge include reference materials, work experience and contacts, other knowledgeable contacts, experimenting with the software, and research done by other project teams. Students are also expected to acquire a working knowledge of MS Project, which your teams may use to maintain project plans.

**Course Objectives and Guidelines**

The primary objective of this course is to provide students with the opportunity to apply skills and techniques from other IS and Business courses for the purpose of implementing and delivering a business information system. The course is a direct follow-up to INFO-450 (Systems Analysis and

Design) and the implementation project will follow directly from the project assigned for that course. Unless otherwise determined, project teams will remain the same as they were for the INFO-450 course. Students currently taking the INFO-495 class who did not take the previous Fall session of INFO-450 will be assigned to a project team. It is the responsibility of the new team member to make every effort to become quickly familiar with the assigned project; and it is the responsibility of the existing project team to make every effort to assist the new members in the learning process.

### **College of Business ETS Exam**

There will be an exam given to all students in the Williams College of Business Capstone Courses this semester. The purpose of this exam is to provide an assessment of our program at Xavier as compared to other universities. The exam is widely used on a national basis, and is a course requirement for all Capstone students in the Williams College of Business. You will receive information concerning your grade on the exam, as well as information as to how it compares to the national participants. The results of this test are important to you and to Xavier. The results will help us understand if there are improvement opportunities, and they will help you understand how you compare to students on a national level.

The exam that you will be taking is the "Major Field Test" from the Educational Testing Service (ETS). The ETS exam is three hours long and will be administered by the Williams College of Business in special sessions at times. Class time will be allotted for taking the exam. In general, the exam will cover all areas of business, including Accounting, Economics, Management, Quantitative Business Analysis and Information Systems, Finance, Marketing, and Legal and Social Environment studies. Your results from this exam will represent 10% of your grade for INFO-495. We will discuss this in more detail in our first class meeting.

### **Student Evaluation**

The case project and class participation will represent 90% of the student's grade, with the ETS Exam representing the other 10%. All aspects of the team project will be considered to arrive at a grade for the project. These areas include adherence to standards, documentation, training, and the effectiveness of program code. Every effort must be made to implement all aspects of the designed system. However, if it is determined that the completion of all phases of the project is beyond the scope of the course, the project grade will be based upon the portion of the system determined by the professor (with input from the team and the client) to be implemented, along with design specifications for those portions not to be implemented. All code implemented must be of the highest quality and must meet or exceed user requirements. Each project will receive a grade based on these standards. Remember, your client is expecting an A project. A system that functions at an 80 or 85% level is not worth much to your client.

Peer evaluation sheets will be used in combination with instructor observations and client input, to determine an individual's participation level. It is important that all members of the team fully participate in the project. Attendance at team meetings and active participation in the project are absolute course requirements. If the instructor determines that a student did not fully participate in the team project, that student's grade will be lowered accordingly. Each student on the team will get a portion (up to 100%) of the final project grade.

**Blackboard**

Blackboard class web site - <http://blackboard.xu.edu>

Updated information, announcement and other course materials shall be made available through Blackboard.

**Grading Criteria**

Case Project and Class Participation....90%	<b>Grade Distribution:</b>	
ETS Exam.....10%	<b>Grade</b>	<b>Points</b>
	A .....	95-100
	A- .....	90-94
	B+ .....	87-89
	B .....	83-86
	B-.....	80-82
Total.....100%	<b>Grade</b>	<b>Points</b>
	C+.....	77-79
	C.....	73-76
	C- .....	70-72
	D.....	60-69
	F.....	below 60

**Class Attendance**

More than 1 unexcused absence from weekly class meetings will result in a grade of 0 for class participation.

*General Information*

Additional information about this course may be found by accessing the Xavier Blackboard site. Internet access and the use of your Xavier email address are considered to be course requirements. Any additional information that you will need about the class will be sent to you using email and/or posted on the Blackboard site.

Projects and assignments will be due on the dates specified. Late reports are not acceptable! Withdrawals, transfers, and other exceptional situations must be discussed with the instructor and the college office. Incomplete grades will only be given in very exceptional situations.

*Class Cancellations*

Details concerning class cancellations or delays due to a snow emergency or any other reason will be posted to the Announcements section of Blackboard.

*System Development Project - INFO 495  
General Schedule Overview*

This Schedule Overview is intended to provide general guidelines for your progress through the course. Actual activities each week will vary by project, and could be significantly different for enhancement projects and phased implementation plans. You are required to develop a detailed project plan, which you will use to track your status throughout the project. Regularly scheduled progress reviews will be conducted with the instructor as outlined below. In addition to these meetings, you will be expected to meet with your team members and clients as needed throughout the project. Written status reports will be required as stated below. Additional information concerning weekly activities will be posted in the weekly folders.

This schedule is NOT to be considered as a substitute for a detailed Project Plan.

<u>Date</u>	<u>General Topic</u>
Tuesday, January 12, 2010	Introduction to the course (entire class). Review Syllabus and General Class Schedule Overview Team assignments and meeting schedule Review project status (brief individual team meetings) Teams contact project sponsors Update Project Plan
Tuesday, January 19, 2010	Begin regular progress review meetings Work with clients to refine design specifications as needed
Tuesday, January 26, 2010	Complete database design
Tuesday, February 02, 2010	Begin prototyping the new system
Tuesday, February 09, 2010	<b><i>Written status report due</i></b> Develop software
Tuesday, February 16, 2010	<i>Review material with clients and refine software</i>
Tuesday, February 23, 2010	Develop testing and training plans <b><i>Written status report due</i></b>
Tuesday, March 02, 2010	<b><i>Spring Break</i></b>
Tuesday, March 09, 2010	<b><i>Preliminary Project Presentations</i></b>
Tuesday, March 16, 2010	Refine Software

	<p>Begin the system testing process Finalize system and user documentation plans</p>
Tuesday, March 23, 2010	<b>ETS EXAM</b>
Tuesday, March 30, 2010	<p>Test hardware and software Finalize implementation plans Prepare documentation (review draft with client) Conduct initial client training Software installation at client locations</p>
Tuesday, April 06, 2010	<p><b><i>Written status report due</i></b> Follow up on client installations Finalize documentation Fix problems discovered from client implementation</p>
Tuesday, April 13, 2010	<p>Review manuals and working software with clients Fix problems discovered from client implementation Schedule final on-site client review meetings</p>
Tuesday, April 20, 2010	Address issues presented by your client
Tuesday, April 27, 2010	<p>Conduct final client review meetings at client locations <b><i>Full Class Session</i></b> Team evaluation forms due</p>
Tuesday, May 04, 2010	<p>Final report due Final user signoff</p>

*Last Updated: 01/022008*