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Management Information Systems Syllabi

Management Information Systems

2018

495-01 Information

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Info 495

Xavier University
HAI 15 / SMH 218
Spring 2018

Scheduled Meeting Time

Mondays 6:00 PM

Instructor: Todd A Ruthemeyer **Email:** ruthemeyert1@xavier.edu **Phone:** 513/327-8633

Instructor: Brett S. Stowell **Email:** stowellbs@xavier.edu **Phone:** 513/745-2922

Google Hangouts: profstowell **Google Voice:** 513/402-2488

Office / Mail Drop: Smith 221 **Office Hours:** M/W Before & After 6pm Class, T/R 10-11:30, 3:45-5:00

Text: Adventures of an IT Leader: Robert D Austin, Shannon O'Donnell, Richard Nolan

Making Things Happen: Mastering Project Management: Scott Berkun

Good Strategy, Bad Strategy: The Difference and Why it Matters: Richard P. Rumelt

Williams College of Business Mission: "We educate students of business, enabling them to improve organizations and society, consistent with the Jesuit tradition."

Our Vision: This is the capstone of your undergraduate degree. The classes you have taken throughout your educational path have been preparing you for work outside of academia. As graduates you will be expected to take your training and knowledge and apply it to real world situations. Our goal in this course is to expose you to various scenarios, with the goal of helping you utilize your skills developed through your classwork to find appropriate solutions to real world examples. There are no perfect answers to these problems. However, it is our hope that by the end of the course, you will be able to bring all of your experience to bear in order to find workable solutions. We guarantee that the ability to assess, plan, execute, and projects will serve you well in your future endeavors.

Course Description: This course is designed to familiarize you with some of the basic project management tools and techniques used to assess business needs, plan a solution, and manage that plan into implementation. As such, class time will be divided between reviewing homework assignments, introducing new material, discussing real-world applications, and employing newly introduced skills.

Course Materials: In addition to the text, you are responsible for materials posted on Canvas (<http://canvas.xavier.edu>). Homework assignments, supplemental reading, and other information will be posted regularly.

Attendance: Attendance will be taken. Excessive absences may negatively impact grade.

Grades: Your final grade will consist of: in class exercises (10%), case studies (10%), regular homework (20%) and group project work (60%). Possible grades are A (95-100), A- (90-94.9), B+ (85-89.9), B(80-84.9), B- (75-79.9), C+ (70-74.9), C (65-69.9), C- (60-64.9), D (50-59.9), F (Below 50). You must earn at least a "C-" on the project in aggregate to pass the class; the instructors reserve the right to provide anyone receiving a failing grade on the project an opportunity to demonstrate the required competency, replace the grade with a 60%, and thus pass the class, if just cause is shown. No other extra credit is available.

Due Dates: Due dates are firm. Students are expected to contact the instructor prior to an expected absence to make arrangements. Late assignments will receive no credit.

Academic Honesty: Do your own work. Review Xavier’s Academic Honesty policy for more information.

Xavier University Policies: Xavier University policies regarding privacy rights, incomplete work and attendance, and academic honesty will be strictly enforced. Please see the current University catalog for more on these policies.

Tentative Course Calendar

Class	Topics Covered	Materials/Readings To be completed before class	Assignments Due
1/8	Intro to Course Introduction to Xavier’s Library Why IT PM is(n’t) so different		
1/15	MLK Day - University Closed		
1/22	General PM review Intro to SDLC PMP Overview Perils of Waterfall	Read Good Strategy 1-2 Read Making Things Happen Ch 3	Present Rum 1 Report
1/29	Agile & Scrum, the “new” IT project management, and its pitfalls. Dev/Ops, the “new, new” IT project management Why the business/client doesn’t know what they want	Read Good Strategy 3-6 Read Making Things Happen Ch 2 Read Agile Manifesto	Present Rum 2 Report

2/5	<p>How to gather requirements (Business, Technical, Functional)</p> <p>Project 1 Assignment</p>	<p>Read Making Things Happen Ch 7</p>	<p>Group plan</p>
2/12	<p>Why you need a framework</p> <p>"Scrumfall", hybrid environments</p> <p>'We manage the projects we have, not the projects we want'</p> <p>Types of IT Projects</p>	<p>Read Making Things Happen Ch 5</p>	<p>Project Requirements</p>
2/19	<p>You don't know what you don't know, worse, you think you do know - or -</p> <p>How to manage projects you don't understand, and how to kill them if needed.</p> <p>Group work</p>	<p>Read Making Things Happen Chapter 8</p>	<p>Project Update</p>
2/26	<p>To every project there is a season...</p> <p>Sunsetting, planned obsolescence;</p> <p>Sunk costs are a fallacy.</p> <p>When to say it didn't work and move on;</p> <p>Upgrade plans. Didn't I do this before?</p>	<p>Read Making Things Happen Ch. 9</p>	<p>Project Progress Report</p>

3/5	Spring Break - No Class		
3/12	<p>Change management</p> <p>Scope creep: what is it, how to deal with it</p> <p>Meetings, emails, phone calls, when to use each</p>	<p>Read Good Strategy Chapter 14</p> <p>Read Making Things Happen ch 10</p>	Present Rum 3 Report
3/19	<p>Reporting - what actually matters.</p> <p>You're behind schedule and/or over-budget, what do you do?</p>	<p>Read Making Things Happen Ch 11</p> <p>Have read at least through Adventures of IT Leader ch 12</p>	Project Requirements Update
3/26	<p>Evaluating status updates</p> <p>Vendor/Relationship management. When to outsource vs hire</p> <p>Group Work</p>	Have read at least through Adventures of IT Leader ch 14	Project Update
4/2	<p>LAST DAY OF EASTER BREAK - WE DO HAVE CLASS</p> <p>Tools are tools, and are only as good as the mind that wields them.</p> <p>Technology tactics vs strategy.</p> <p>Technology supports Process/Strategy, not the other way around.</p>	Review rules for Puerto Rico Board Game	Project Update

4/9	How to sell your vision You don't work in a vacuum (Planning Priorities in an Enterprise Environment); Communication – Communicating outside of your company Group Work	Read Making Things Happen Ch. 16	Project Update
4/16	Requests For Proposal. How to review responses. How to ask the questions that actually matter. Group Work		Project update
4/23	Wrap up, Review, Final Thoughts	Read Making Things Happen Ch 15	Project update
4/30	FINALS Week		Project Due Final Presentation Retrospective

Homework / Cases: Homework and solutions to be completed for student learning are provided for each learning objective. Students are encouraged to assist one another in the completion of homework and cases.

Learning Objectives: Students completing this course will be able to:

Evaluate strategic impact of proposed IT projects¹, develop frameworks for utilizing appropriate project management tools to plan, execute, and report on IT projects, evaluate alternatives and draw evidence-based conclusions,² and communicate relevant findings, statuses, and requests to stakeholders³.

¹ MBA Learning Goals: Strategic Thinking and Leadership

² MBA Learning Goals: Critical Thinking

³ MBA Learning Goals: Effective Written and Oral Communication