

**University of Illinois at Urbana-Champaign**  
**IT for Networked Organizations - BADM 350**  
**Fall 2009**  
**Syllabus and Schedule**

**Instructor:** Vishal Sachdev  
**Office Location:** #7 Wohlers Hall  
**E-mail :** Use Compass e-mail for communication, [vishal@illinois.edu](mailto:vishal@illinois.edu) for exceptions  
**Phone** 217-244-2420  
**Office Hours** T/R 1:30 to 2:30 or by appointment  
**Class Website** <http://compass.illinois.edu>

<b>Class Time/Location</b>	<b>Day/Time</b>	<b>Location</b>
T/R 9:30 – 10:50		BIF 2057
T/R 11:00 – 12:20		BIF 2057

**What is this course about?**

Have you ever wondered how Dell can offer you millions of configurations on your laptops and desktops and still be able to ship the system to you very soon, even though it is being assembled in china? Have you wondered why Walmart is getting so big, so fast? These companies have replaced *inventory with information* and that is why they are so competitive. They have leveraged the power of technology to implement information systems that set them apart from the competition. The selection, implementation and use of such information systems in a manner that delivers strategic advantage for your organization is a skill that is required for business managers as well as IT managers. These skills are not easily found in the more technology focused computer science graduates.

These skills require an understanding of the vocabulary of technology, an understanding of the available choices, an appreciation of the complexity of developing these systems and the realization that any technology gets implemented/used by people in an organizational context.

Last, but not least, for those of you who are apprehensive of technology, this course should really get you interested. For those of you who have a background in information systems, you will appreciate the big picture that you will see at the end of this course. At a personal level, I will introduce you to a lot of productivity tools that will help you in your career and personal life. I will also give some time to ensure that you become more savvy “netizens”.

At the end of this course

1. You will be able to describe and explain the application of various technologies used in the business world today.
2. You will have a basic understanding of the technology infrastructure that enables businesses to innovate using technology.
3. You will be able to identify and appreciate the relevance of several different classes of commonly used information systems.
4. You will be able to appreciate the principles of the 'system' concept while considering technology decisions in the future.

5. You will have knowledge of and would have used some personal and business productivity/collaboration tools.

### **What do you need to have?**

1. “Essentials of Business Driven Information Systems”, By Paige Baltzan and Amy Phillips ISBN: 0073376728
2. “I clicker” device, Supplied by MPS, available through the bookstore. (If you have this from another course, that will work fine)
3. All other class materials, such as articles, cases etc. will be posted on the class website on COMPASS.

### **How will it be delivered?**

We will have case discussions, current article reviews, lectures, unannounced quizzes, tests, and guest lectures. This class will be successful if all of you participate and contribute, and you will be rewarded for participation as you see in the grade distribution below. There is equal emphasis on memorizing (tests) and on analysis (cases and article discussion).

### **Course Policies**

1. Attendance: There will be no attendance taken, but if you are in class and participate, you are likely to be rewarded with class participation points. It helps to be in class on time, as my quizzes are usually in the first few minutes of class.
2. Reading Assignments: I know you have read this many times, but let me repeat it. It would be much more rewarding to read the assigned material before class so that we can actually get some work done in class. I will post some questions on compass to evaluate if you have done the readings. This will count towards class participation credit. It is very important to keep track of what’s happening on Compass for reading materials and other important notices for class. You are responsible for checking compass at least one day before each class to check for any new postings. If you don't do this, you may feel awkward when I ask questions in class. The unannounced quizzes will help you here.
3. Grades: All grades will be posted on Compass, within 1 week of the test/assignment/case submission date. You can discuss your grades for any issues for 7 days after grade posting and they will be considered final after that. The final grade in the course is FINAL.
4. Communications: I would appreciate if all of you would use the compass e-mail system to interact with me. I will use the same to get in touch with you and/or put up announcements on compass. In the first week of class, I will give you an assignment to edit your profile on Compass. You will edit your profile settings on Compass to forward Compass e-mails to your primary e-mail account, so that you get immediate notifications for all messages from me.

### **Academic Integrity**

Academic dishonesty includes, but is not limited to, cheating, plagiarizing, fabrication of information or citations, facilitating acts of dishonesty by others, having unauthorized possession of examinations, submitting work of another person or work previously used without informing the instructor, or

tampering with the academic work of other students. If you remain enrolled in this course, you are indicating implicitly to the instructor that you have read, understand and accept the universities policies and procedures regarding academic integrity and dishonesty ([http://www.uiuc.edu/admin\\_manual/code](http://www.uiuc.edu/admin_manual/code)).

### **Disability Statement**

If you have any condition, such as a physical or learning disability, which will make it difficult for you to carry out the work as we have outlined it or which will require academic accommodation, please notify me during the first week of the course.

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## **Grading**

The grade scheme to be used for the course is A, B, C, D and F. You will be guaranteed an A if you score 90% or more, a B if you score 80% or more, a C if you score 70% or more and a D if you score 60% or more. I may curve upwards if required, based on the final scores at the end of the semester. The point distribution is given below.

Class participation	75 points
Test 1	100 points
Test 2	150 points
Assignments	100 points
Group Project	75 points
TOTAL	500 points

### **Class Participation**

There will be multiple avenues for getting these points. Case discussions, group activities, article discussions, unannounced quizzes, pre-class responses on compass and your responses in class will help you get these points. The IClicker is being used to ensure that all of you participate, even if you don't speak up. There will be opportunities to get a total of 85 points for class participation, so those of you who are regular and participate, can get up to 10 points as extra credit.

### **Tests**

The tests will be multiple choice and short answer and will allow you to demonstrate your mastery over the terminology and concepts that we will cover in class. Test 2 will be comprehensive. There will be no exam in the finals week.

### **Assignments**

These assignments could be case or article analysis or small exercises from the book. The case analyses will help you think critically about issues regarding planning, selecting, implementing, and using information systems and the associated individual, organizational and social impacts. These will be individual assignments. All submissions will be through COMPASS. In case you get delayed in submitting your assignments, submissions will be accepted up to 24 hours after the deadline, but you will lose 20% of the credit. So for a 20 point assignment, you will be graded on a maximum score of 16.

### **Project**

The group project will involve researching a particular topic and creating a report and a presentation. Details will be given in class.

## Schedule BADM 350 (Tentative)

**Additional reading material and case assignments which require submissions will be also announced on COMPASS during the semester.**

Session	Date	Topic	
1	Aug 25	Introduction /Overview of the course	
2	Aug 27	IS/IT as a source of competitive advantage	Read Nicholas Carr Article and Porters Five Forces framework on Compass
3	Sep 1	Guest Speaker from Cerner Corporation & Case Study Discussion	Case Study on Compass
4	Sep 3	Measuring IT Value	Section 1.1 & Apple Case Study
5	Sep 8	IT –Business Alignment Decision Making systems	2.1
6	Sep 10	Enterprise Systems	2.2
7	Sep 15	E-business	3.1, Amazon Case Discussion
8	Sep 17	E-business – 2	3.2
9	Sep 22	Ethics and Security	4.1 & 4.2 SARBOX case discussion
10	Sep 24	Security – 2	4.1 & 4.2 PGP Article on compass Hacker Hunters Case
11	Sep 29	Databases	6.1 Google Case Discussion
<b>12</b>	<b>Oct 1</b>	<b>Test 1</b>	
13	Oct 6	Data Mining, Data Warehouses	6.2
14	Oct 8	Networking /Wireless Computing	7.1 & 7.2
15	Oct 13	SCM	8
16	Oct 15	CRM	9
17	Oct 20	ERP	10.1

18	Oct 22	ERP -2	10.2
19	Oct 27	System Development Game/ How do we develop systems	
20	Oct 29	Collaboration: Web 2.0/Enterprise 2.0	
21	Nov 3	Knowledge Management	
22	Nov 5	Outsourcing	
23	Nov 10	Special Topics- Open Source Software, Virtualization, Cloud Computing.	
24	Nov 12	IT Governance	
<b>25</b>	<b>Nov 17</b>	<b>Test 2</b>	
26	Nov 19	Personal Productivity Tools	
XX	Nov 24 –Nov 26	Thanksgiving break	
27	Dec 1	Having fun with technology: Making applications with RSS feeds	
28	Dec 3	Project Presentations	
29	Dec 8	Project Presentations	