MIS 301: Introduction to Information Technology Management
Unique numbers: 04065, 04080, 04090

Syllabus

Spring 2014

Instructor: Wen Wen, PhD
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Phone: 512-232-2767
Class Time: MW 11:00am-12:30pm (04065); 2:00pm-3:30pm (04080), 3:30pm-5:00pm (04090)
Class Room: UTC 4.102
Office Hours: MW 5:00 pm - 6:30 pm and by appointment

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<tbody>
<tr>
<td>Name: Hyerin Kim</td>
<td>Name: Jane Wang</td>
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<tr>
<td>Email: <a href="mailto:Hyerin.Kim@phd.mccombs.utexas.edu">Hyerin.Kim@phd.mccombs.utexas.edu</a></td>
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**Course Overview**

Information technology (IT) has transformed all aspects of 21st century business and everyday life. New IT investments continue to be staggering. Worldwide, over $2.5 trillion is invested in IT. In the U.S., over 50% of capital expenditures are related to IT. IT has triggered new forms of organizations and business process innovation and impacted organizational structure, culture, politics, decision making and society as a whole. IT is also transforming how physical products are designed, how services are bundled with products, and how individuals interact with businesses and with other individuals. A silent transformation of physical items is occurring as more and more products use embedded IT to improve customer experience and product performance. The pervasiveness of IT is expanding global trade and changing how and where work is performed.

It is vital that future managers—in every area of business—have a working knowledge of modern IT, practical experience in its use, and management perspectives on how IT is used in organizations. MIS 301 will focus on three broad issues: (a) using IT for strategic competitive
advantage, (b) IT core skills and management, and (c) IT at the intersection of functional business areas. Topics covered include the IT ecosystem, using information systems (IS) for competitive advantage, Web 2.0 technologies, databases, data communications, mobile telecommunications, business process management, and business intelligence. While students are introduced to the practical business use of hands-on technology (particularly Excel), the real value that McCombs majors gain from MIS 301 comes from understanding the strategic possibilities inherent at the intersection of business and technology.

**REQUIRED COURSE MATERIALS**


Three options to purchase the book:
1. Study Pass (online books and study pass)---$24
2. All Access Pass (Study Pass plus all digital versions of the book and PDFs)---$39
3. Black and white print book---$59 (which also includes the All Access Pass)

- HBP course packet, available at [https://cb.hbsp.harvard.edu/cbmp/access/23601842](https://cb.hbsp.harvard.edu/cbmp/access/23601842) ($3.95/case* 3 cases).

You need to register on the site to create a user name if you do not already have one. These course materials are PDF documents and you can open them with Adobe Reader. After you register, you can get to the course pack at any time by doing the following:
1. Visit hbsp.harvard.edu and log in.
2. Click My Coursepacks, and then click INTRO TO INFO TECHNOLOGY MGMT

- iClicker. This class requires the use of an iClicker which is a remote device that allows you to respond to the questions during class. Just the basic iClicker will suffice. You do not need to buy the high-end model.

- A set of supplement materials (e.g. lecture slides and additional readings) will be provided in class or posted on the Blackboard. Please DO NOT redistribute any material you downloaded from the Blackboard without written permissions of their respective copyright owners.

**GRADING**

- Exam 1 25%
- Exam 2 25%
- Exam 3 25%
- Homework Assignments 15%
- In-class Quizzes 10%
The final letter grade in the class will be based on a curve. Per McCombs policy, the average final grade in MIS 301 will be between 3.2-3.3. However, this average can be higher (or lower) based on overall class performance. I will use the plus/minus grading system and details on the plus/minus breakdown will be presented in class. You may expect the following grade distribution: approximately 30-35% will receive an A or A-, about 15-20% a C+ or below, and 45-55% will receive a B+, B, or B-. However, if the overall class performance exceeds the instructor’s expectations, the percentages of A, B, C, etc. could change.

**Exams**

Exams will be closed book and will cover all reading assignments and materials discussed in class. All exams will be non-cumulative.

**Homework Assignments**

Homework assignments consist of case write-ups and skills assignments. The case write-ups will push you to think about strategically using IT in business. I grade the write-ups on three dimensions:

- The quality of research you have done to find support for your viewpoints – anyone can have an opinion, you need to back it up with research on the web, the library sites and other sources.
- The logical development of your arguments – are your arguments carefully and logically developed or do they appear ad-hoc and not well thought through?
- Presentation—how well you organize your reports. Do I have to read every word and decipher the key points hidden somewhere, or does your presentation facilitate my understanding of the arguments made?

The skills assignments will be used to emphasize IT skills useful for your career. You will be expected to develop basic skills including using Excel to develop return on investments model, database manipulation, and data mining.

Teams of two students can do the assignment together or you may work on the assignment individually. Sharing or discussing solutions to the assigned problems with anyone other than your team member will be considered cheating. You may pair with different team members for different assignments. The homework questions will be distributed on Blackboard. All assignments are due at 11:59pm on the due date. Turn in your homework to me electronically on Blackboard. If you work as a team, please submit only one copy with the names of both team members.

**Instruction for Mac Users**

Some of the assignments involving databases and Excel add-on may require you to use Windows. There is no Access database for Mac OS. You can address this issue in two ways:

a) Install Windows 7 on your Mac. You can run both Mac OS and Windows using Bootcamp, VMWare Fusion or Parallels. Bootcamp comes with your Mac but in order to switch from Mac OS to Windows you will have to reboot. VMWare or
Parallels will let you run both OSs at the same time and switch instantaneously. However, running this software can slow your Mac down considerably.

b) Use the labs in the McCombs School to complete your assignments. All the software used in MIS 301 is installed on the computers in both the Millennium and Mod Labs.

**IN-CLASS QUIZZES**

In-class quizzes can take place at any time during the class. In general, two types of quizzes will be given very frequently throughout the course of the semester. The first type of quizzes are to ensure that you are prepared to come to class and finish all required readings, so they will target very basic concepts discussed in the required readings. The second type of quizzes target key takeaways covered in the previous class (if given during the first ten minutes of class) or covered in the current class (if given during the last ten minutes of class). These are designed to evaluate how well the class understands the material. Students who miss a quiz will be unable to retake it unless the absence is excused. Excused absences include, but are not limited to, death in the immediate family, serious personal or immediate family illness resulting in hospitalization, and jury duty. Documented proof substantiating the reason may be required. The instructor reserves the right to determine excused absences.

*In order to take the quizzes, you need to use iClicker.* As such, you are responsible for bringing it to every class session and ensuring that it is functioning properly and has batteries.

**CLASS PARTICIPATION**

It is important that you come to class ready to join the discussion on the day’s reading. Your knowledge and experience will add to class learning, so you should actively participate into class discussions. Otherwise *students will be cold called.* High-quality class participation includes:

- Useful arguments expressed coherently and succinctly
- Good analysis supported by case facts or your own experience
- Constructive disagreement
- Readiness to contribute when called on

**COURSE POLICIES**

Exam Policies

- Exams missed due to an excused absence must be made up within one week of returning to class for full credit or no credit will be given. Exams missed due to an unexcused absence may not be made up. Documentation proving the excused absence may be required at the time the exam is made up. If you are unable to attend a scheduled exam, prior written notice must be provided to the instructor including the reason for the absence.

Assignment Policies and Quality Expectations

- Assignments turned in 5 minutes after the due date/time will be considered late.
• Any assignment turned in late but within 24 hours of the due date/time will receive half credit; after that no credit will be received unless previous arrangements have been made with the instructor.
• All assignments must be typed. Spelling, grammar, and punctuation are important, and points may be deducted for errors.

iClicker
• Please get your iClicker, register it online at http://www.iclicker.com/support/registeryouriclicker/ and bring it to class on the 2nd class day to respond to at least one question. After that, you must ensure you register your iClicker remote at http://www.iclicker.com/support/registeryouriclicker/ by the 3rd class day.

When registering, please complete the fields with your first name, last name, student ID, and remote ID. Your student ID must be your UTEID; the remote ID is the series of numbers and letters found on the back of your iClicker remote.

Note again that your iClicker will be used regularly in class and you are responsible for bringing it to every class session and ensuring that it is functioning properly. During the semester, if you lose your iClicker or for any reason have to get a different remote, you should notify the instructor as soon as possible.

Blackboard Use & Class Learning
• In this class I use Blackboard—a Web-based course management system with password-protected access at https://blackboard.utexas.edu/—to distribute course materials, to make announcements, and to post assignments and grades. You can find support in using Blackboard at the ITS Help Desk at 475-9400, Monday through Friday, 8 am to 6 pm, so plan accordingly. Your use of Blackboard’s email should be for course-related messages only. Messages such as selling football tickets and posting party invites are not considered course-related unless your instructor has specifically allowed this usage for his/her class. See UT’s Acceptable Use Policy at http://www.utexas.edu/cio/policies/.

In-Class Technology Use
• Please turn cell phones, pages, iPods, and other devices OFF during class time. When a true need to communicate with someone outside of the class exists (e.g., a medical emergency, etc.), inform me before class.
• Based on strong feedback from previous students and agreement among all the MIS 301 instructors, the use of laptops is not allowed in class. The rule applies to all McCombs MBA classes, so you are in good company. When students surf the web, answer email, check Facebook, and stray from the topic at hand, they do themselves and distracted peers a disservice. For this reason, texting in class is also a violation of the no laptop policy. Thanks for respecting this simple rule.

Information Privacy
• Password-protected class sites, such as Blackboard, are available for all accredited courses taught at The University. Syllabi, handouts, assignments and other resources are types of information that may be available within these sites. Site activities could include exchanging
email, engaging in class discussions and chats, and exchanging files. In addition, class email rosters are a component of the sites. Students who do not want their names included in these electronic class rosters must restrict their directory information in the Office of the Registrar, Main Building, Room 1. For information on FERPA-related issues, see http://registrar.utexas.edu/students/records/ferpa/.

Using Email for Official Correspondence
• Email is recognized as an official mode of university correspondence; therefore, you are responsible for reading your email for university and course-related information and announcements. You are responsible for keeping the university informed about changes to your email address. You should check your email regularly and frequently—I recommend daily, especially the evenings before class—to stay current with university-related communications, some of which may be time-critical.

Documented Disability Statement
• Students with disabilities may request appropriate academic accommodations from the Division of Diversity and Community Engagement, Services for Students with Disabilities, 512-471-6259, http://www.utexas.edu/diversity/ddce/ssd/. If you require special accommodations, you must obtain a letter that documents your disability from the Services for Students with Disabilities area of the Division of Diversity and Community Engagement. Present the letter to me at the beginning of the semester so we can discuss the accommodations you need. No later than five business days before an exam, you should remind me of any testing accommodations you will need so that I can make arrangements.

Religious Holidays
• By UT Austin Policy, you must notify me of your pending absence at least 14 days before the date of observing a religious holy day. If you must miss a class, an examination, a work assignment, or a project to observe a religious holy day, I will give you an opportunity to complete the missed work within a reasonable time after the absence.

Behavior Concerns Advice Line (BCAL)
• If you are worried about someone who is acting differently, you may use the Behavior Concerns Advice Line to discuss your concerns about another individual’s behavior. This service is provided through a partnership among the Office of the Dean of Students, the Counseling and Mental Health Center (CMHC), the Employee Assistance Program (EAP), and The UT Police Department (UTPD). Call 512-232-5050 or visit http://www.utexas.edu/safety/bcal.

Scholastic Dishonesty Policy
• I take this issue seriously. Any dishonesty—such as cheating, false representation, plagiarism, etc.—that comes to my attention will result in an F in the course. The University defines academic dishonesty as cheating, plagiarism, unauthorized collaboration, falsifying academic records, and any act designed to avoid participating honestly in the learning process. Scholastic dishonesty also includes, but is not limited to, providing false or misleading information to receive a postponement or an extension on an exam or other
assignment, and submission of essentially the same written assignment for two different courses without faculty permission.

The McCombs School of Business has no tolerance for acts of scholastic dishonesty. The responsibilities of both students and faculty with regard to scholastic dishonesty are described in detail in the BBA Program’s Statement on Scholastic Dishonesty at http://www.mccombs.utexas.edu/BBA/Code-of-Ethics.aspx. By teaching this course, I have agreed to observe all faculty responsibilities described in that document.

By enrolling in this class, you have agreed to observe all student responsibilities described in that document. If the application of the Statement on Scholastic Dishonesty to this class or its assignments is unclear in any way, it is your responsibility to ask me for clarification. Students who violate University rules on scholastic dishonesty are subject to disciplinary penalties, including the possibility of failure in the course and/or dismissal from the University. Since dishonesty harms the individual, all students, the integrity of the University, and the value of our academic brand, policies on scholastic dishonesty will be strictly enforced. You should refer to the Student Judicial Services website at http://deanofstudents.utexas.edu/sjs/ to access the official University policies and procedures on scholastic dishonesty as well as further elaboration on what constitutes scholastic dishonesty.

Students should refer to the Student Judicial Services or the General Information Catalog to access the official University policies and procedures on scholastic dishonesty as well as further elaboration on what constitutes scholastic dishonesty.

Lastly, regarding the use of iClicker for this class, since each iClicker has a unique code, you are not allowed to share or borrow another iClicker. Allowing another student to use your iClicker, using another person’s iClicker or simply having more than one iClicker in your possession will be considered academic dishonesty and will warrant a severe academic penalty.

University of Texas Honor Code
• The core values of The University of Texas at Austin are learning, discovery, freedom, leadership, individual opportunity, and responsibility. Each member of the university is expected to uphold these values through integrity, honesty, trust, fairness and respect toward peers and community.
**Tentative Schedule**

<table>
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<tr>
<th>Date</th>
<th>Session</th>
<th>Topic</th>
<th>Readings&lt;sup&gt;1&lt;/sup&gt;</th>
<th>Due</th>
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<tr>
<td>1-13-2014 (M)</td>
<td>1</td>
<td>Introduction: Class overview</td>
<td>Syllabus</td>
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<tr>
<td>1-15-2014 (W)</td>
<td>2</td>
<td>Strategy and technology</td>
<td>Ch. 2&lt;sup&gt;2&lt;/sup&gt;</td>
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<td>1-20-2014 (M)</td>
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<td>Martin Luther King Jr. Day holiday</td>
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<tr>
<td>1-22-2014 (W)</td>
<td>3</td>
<td>Digital innovation</td>
<td>Ch. 4</td>
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<td>1-27-2014 (M)</td>
<td>4</td>
<td>Moore’s law and disruptive innovation</td>
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<td>1-29-2014 (W)</td>
<td>5</td>
<td>Hardware ecosystem</td>
<td>HBP Case: Apple Inc. in 2012&lt;sup&gt;3&lt;/sup&gt;</td>
<td>HW 1</td>
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<td>2-3-2014 (M)</td>
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<td>Network effects</td>
<td>Ch. 7</td>
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<td>2-5-2014 (W)</td>
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<td>Social media</td>
<td>Ch. 8, Ch. 9</td>
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<td>2-10-2014 (M)</td>
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<td>Lab session 1</td>
<td>Refer to BB for notes/articles</td>
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<td>2-12-2014 (W)</td>
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<td>Exam 1 review</td>
<td>Refer to BB for notes/articles</td>
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<td>2-17-2014 (M)</td>
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<td>EXAM 1</td>
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<td>2-19-2014 (W)</td>
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<td>Software ecosystem</td>
<td>Ch. 10, Ch. 11 (sections 1-5)</td>
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<td>Refer to BB for notes/articles</td>
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<td>2-26-2014 (W)</td>
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<td>Data communications</td>
<td>Ch. 13</td>
<td>HW 3</td>
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<td>3-3-2014 (M)</td>
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<td>Database</td>
<td>Ch. 12, refer to BB for additional notes/articles</td>
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<td>Database</td>
<td>Ch. 12, refer to BB for additional notes/articles</td>
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<td>Ch. 11 (sections 6-12)</td>
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<td>IT and supply chain</td>
<td>Ch. 3</td>
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<td>4-2-2014 (W)</td>
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<td>ERP and business value of IT</td>
<td>HBP Case: The San Diego City Schools</td>
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<td>4-7-2014 (M)</td>
<td>22</td>
<td>Lab session 4</td>
<td>Refer to BB for notes/articles</td>
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<sup>1</sup> There will be additional readings posted at Blackboard (denoted as BB) throughout the semester.

<sup>2</sup> Please refer to Information Systems: A Manager's Guide to Harnessing Technology v. 2.0 by Gallaugher, John for the chapter.

<sup>3</sup> Please refer to page 2 on more details about the HBP course packet.
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<td>Ch. 6</td>
<td>HW 6</td>
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<td>Ch. 15</td>
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<td>4-23-2014 (W)</td>
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<td>Mobile industry ecosystem</td>
<td>HBP Case: Google’s Android</td>
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<td>4-28-2014 (M)</td>
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<td>4-30-2014 (W)</td>
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