PURPOSE OF THIS COURSE
CIS 5605 is a core course in the MBA program. It is designed to aid managers in decision making regarding information technology through the study of issues regarding management of information systems. Students will learn to gather information, analyze data and communicate their findings and results via case analysis. Students will apply MS Excel and Access to solve business problems. Students must be enrolled in both CIS 5605 and ECON 5005 concurrently.

MEETING AACSB PERSPECTIVES
AACSB International accredits the business programs in the Harmon College of Business Administration (HCBA). AACSB International was founded in 1961 and sets standards for undergraduate education for business administration and accounting. Institutions that earn accreditation confirm their commitment to quality continuous improvement through a rigorous and comprehensive peer review. AACSB International requires business programs to provide perspectives and examine the impact on organizations of issues in the following areas: 1) ethical, 2) global, 3) political 4) social, 5) legal, 6) regulatory, 7) environmental, 8) technological, and 9) demographic diversity. These AACSB International perspectives will be covered in this course.

COURSE OBJECTIVES:
Information Technology influences virtually every aspect of business life. As business professionals, you will undoubtedly face numerous situations where the appropriate use of IT will make a difference between success and failure. Through readings, assignments and case analyses, it is the goal of this course to provide you with the necessary tools to evaluate and present a solution to a case or real life Information Technology/Information Systems (IT/IS) problem. Individuals will create reports, databases, and spreadsheets for topic studies and present them using Microsoft Office applications such as PowerPoint, Excel, and Access.
Upon successful completion of this course, students will be able to:
1. Select a problem and appropriate sample, and locate appropriate primary and secondary sources of data.
2. Correctly apply general statistical and non-statistical tools.
3. Apply research tools to interact and aid in the analysis of successful strategies for IT implementation.
4. Apply research tools to interact and aid in the analysis of value and benefits of functional units’ use of IT systems and/or IT companies.
5. Show basic knowledge of prominent information technologies including Internet, database, spreadsheet and website technology.
6. Show ability to work with diverse team members

**COURSE OUTCOMES:**

There are THREE major learning components in this course:
1. Technology
2. Business Knowledge
3. People Skills

You will be required to show ability in those three areas by

(1) Technology:
   (a) MS Application Skills – Access, Excel, Word, PowerPoint
(2) Business Knowledge
   (a) Be able to solve a business problem
   (b) Understand the problem
   (c) Translate into research method
   (d) Devise experiment
   (e) Complete experiment and gather data
   (f) Analyze data and suggest a solution to the problem
   (g) Project Management
   (h) Estimate time for planning, completion for individual and group research
(3) People Skills
   (a) Consider behaviors of test subjects (research subjects)
   (b) Use methods to measure behavior validly
   (c) Work with diverse team members
   (d) Group presentations and projects

**Objectives and Outcome Measures**

<table>
<thead>
<tr>
<th>Course Objectives</th>
<th>Assessment Method</th>
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<tbody>
<tr>
<td>Select a problem and appropriate sample, and locate appropriate primary and secondary sources of data.</td>
<td>Group research assignments</td>
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<tr>
<td>Correctly apply general research techniques.</td>
<td>Homework requiring analysis of cases</td>
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<tr>
<td>Apply research techniques to interact and aid in the analysis of successful strategies for IT implementation.</td>
<td>Group case studies, quizzes and exams</td>
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</table>
Apply research techniques to interact and aid in the analysis of value and benefits of functional units’ use of IT systems and/or IT companies.

Group case studies, Excel and Access assignments

REQUIRED MATERIALS:

OTHER:
It is important to reflect theory onto practice in the real world. I encourage you to read the common business publications such as the Wall Street Journal, Financial Times, Info week, New York Times (the Business section) and weekly magazines such as Business Week, The Economists, and/or Fortune magazines. If you read an interesting article dealing with the impacts of information technology on businesses and society, bring it to class.

GRADING
4 Quizzes 10%
Group Excel & Access Case Assignments 15%
Research Paper 5%
Group Class Participation and Take Homework Written Assignments on Case Analyses = 5 %
Group Oral Presentation on Selected Topics = 5 %
Examination 1 = 15 %
Examination 2 = 15 %
Examination 3 = 15%
Examination 4 = 15%
TOTAL = 100 %

GRADING (TOTAL PERCENTAGE)
90-100% = A
80-89.99% = B
70-79.99% = C
60-69.99% = D
0-59.99% = F

3
**QUIZZES**

In order to provide an incentive for students to understand the concepts introduced in class and carefully read the assigned materials, there will be several quizzes in class over the course of the semester. These quizzes will be for a maximum of 25 minutes duration and can be held at any time during the class period. Each quiz will typically include multiple choice, true/false, fill in the blanks and short answer types of questions. Each quiz is based on the material covered in the prior classes and their associated discussions and reading materials. There will be **NO MAKE UP QUIZZES** if you miss them. Students missing or arriving more than 5 minutes after the start of the quiz WILL NOT be allowed to take the quiz and will receive a **ZERO** for the day’s quiz.

**EXAMINATIONS**

Examinations will be a combination of case-analysis, multiple choices and true/false and short answer/essay questions. Class notes, discussion, text book, case examples, and project materials will all be included in the examination. Experience suggests that a thorough understanding of the assigned reading materials and class discussions are required for successful examination results.

Students **WILL NOT BE ALLOWED** to leave the classroom during an examination. There will be four exams in this course. There will be **NO MAKE UP PROVISION** for MISSED examinations, except in case of medical emergency (with documentary evidence).

**GROUP ORAL PRESENTATIONS**

Each group is required to report the findings of your topic in the form of an oral presentation. All students in the group must present in order to earn a group mark.

**GROUP EMAIL ASSIGNMENT**

Details will be announced later.

**GROUP TAKE HOMEWORK ASSIGNMENTS AND CLASS PARTICIPATION**

Group take homework assignments in the form of spreadsheet excel and database assignments, case analysis, problem solving exercises will be given regularly in an effort to increase your understanding and apply the concepts covered in class. It is your responsibility to see me during my office hours if you are facing difficulties in completing your homework assignments. Past experience suggest that students who attend classes regularly and consistently do their take homework assignments have scored higher grades in this course.

**POSTING OF GRADES**

Grades will be posted in Blackboard.

**ACADEMIC MISCONDUCT**

All assignments and tests should be the product of individual effort. Feel free to discuss problems and assist a classmate who is having trouble, but **make sure that what you**
turn in is the product of your own. No form of reference material may be used during an examination. All quotations and paraphrased material must be cited appropriately. Any form of copying, either on computer assignments or tests, will be considered academic misconduct and will be dealt with according to the procedures outlined at http://www.cmsu.edu/faculty_guide/acpoley.htm#AcHonest.

Disabilities
Any student who has a disability that may prevent him or her from fully demonstrating his or her abilities should contact me personally as soon as possible to discuss accommodations necessary to ensure full participation and facilitate the student's educational opportunity. Students with documented disabilities who are seeking academic accommodations should contact the Office of Accessibility Services, Union 220, (V) (TTY) 660-543-4421.

ATTENDANCE
Students are expected to attend classes regularly and participate in class discussions and exercises. Missing out on quizzes, important points, explanations, discussion, and announcements is your responsibility.

GROUP PROJECTS
Team projects are designed to improve your team-building skills, exercise your leadership skills, and improve both your oral and written communication skills. You will be required to apply your critical, analytical and creativity skills (i.e. this project requires thinking beyond rote memory or finding an answer in a text book).

PEER EVALUATIONS – ONLY FOR GROUPS THAT ARE NOT PERFORMING
Students in the group will need to submit an email regarding their group member’s performance if they feel that their group member did not contribute to their share of work-load. I will only reduce the mark of the student in question, if I receive emails from all the remaining students in the group.

OFFICE HOURS
If you are unable to make it during these times you are required to send me an email for another appointment and obtain my approval before coming in to see me.

Tues & Thurs 11.00am-12.30p.m & Thurs 5.00-6.00pm
CIS-5605 CLASS SCHEDULE – Thursday’s 6.00 – 8.45P.M

**Proposed Course Content Outline**
Please Note: *Due to the nature of this course, this is a proposed outline. The timing of assignments is tentative and subject to change. You will be responsible for reading the chapters BEFORE the class period that covers that text.

**Tentative Schedule**

ISMP stands for Information Systems Management in Practice

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<thead>
<tr>
<th>Date/Day</th>
<th>Topic and chapter</th>
<th>Assessments Due Dates</th>
<th>Group Oral Presentations</th>
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<td><strong>WEEK-1</strong></td>
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<tr>
<td>1/11 – T</td>
<td>Classes Begins</td>
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<td>1/14 - TR</td>
<td>ISMP 1: Importance Systems Management in the Global Economy</td>
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<td><strong>WEEK-2</strong></td>
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<td>2. 1/21 – TR</td>
<td>ISMP 2: The Top IS Job</td>
<td>Email Assignment Due on 1/21 5.00p.m</td>
<td>Group Oral Presentation (Group -1: ISMP chp 2)</td>
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<tr>
<td><strong>WEEK-3</strong></td>
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<tr>
<td>4. 1/28 – TR</td>
<td>ISMP 7: Managing Corporate Information Resources</td>
<td>Quiz -1 (chps 1 &amp;2)</td>
<td>Group Oral Presentation (Group -2: ISMP chp 7)</td>
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<td><strong>WEEK-4</strong></td>
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<td>6. 2/4 – TR</td>
<td>ISMP 5: Distributed Corporate IT Architecture</td>
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<td>Group Oral Presentation (Group - 3: ISMP chp 5)</td>
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<td><strong>WEEK-5</strong></td>
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<td>8. 2/11 – TR</td>
<td>EXAM – 1 (Chapters 1, 2 &amp; 7)</td>
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<td><strong>WEEK-6</strong></td>
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<td>10. 2/18 – TR</td>
<td>ISMP-6 Managing Telecommunications</td>
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<td>Group Oral Presentation (Group - 1: ISMP chp 6)</td>
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<td><strong>WEEK-7</strong></td>
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<td><strong>WEEK-8</strong></td>
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<td>WEEK-9</td>
<td>14. 3/4 – TR</td>
<td>EXAM – 2 (Chapters 3, 5, &amp; 6)</td>
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<td>16. 3/11 – TR</td>
<td>ISMP 4: Strategic IS Planning</td>
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<td>Case #4: Due by 5.00pm – pgs 69-74</td>
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<td>Group Oral Presentation (Group - 3: ISMP chp 4)</td>
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<td>WEEK-10</td>
<td>18. 3/18 – TR</td>
<td>SPRING BREAK – NO CLASSES</td>
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<td>WEEK-11</td>
<td>20. 3/25 – TR</td>
<td>ISMP 8: Managing Partnership-Based IT Operations</td>
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<td>Group Oral Presentation (Group - 1: ISMP chp 8)</td>
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<td>21. 4/1 TR</td>
<td>ISMP 10: Mgt Issues in System Development</td>
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<td>Quiz – 3 (Chps 4 &amp; 8)</td>
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<td>Group Oral Presentation (Group - 2: ISMP chp 10)</td>
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<td>WEEK-13</td>
<td>23. 4/8 – TR</td>
<td>ISMP 11: Managing Information Security</td>
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<td>WEEK-14</td>
<td>25. 4/15 – TR</td>
<td>EXAM – 3 (Chapters 4, 8, &amp; 10)</td>
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<td>Group Oral Presentation (Group - 3: ISMP chp 11)</td>
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<td>WEEK-15</td>
<td>31. 4/22 – TR</td>
<td>ISMP 13: Supporting Information Centric Decision Making</td>
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<td>Quiz 4– (Chp 11)</td>
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<td>Case #6: Due by 5.00pm – Pgs 105-113</td>
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<td>WEEK-16</td>
<td>33. 4/29 – TR</td>
<td>ISMP: 14: Supporting Knowledge Work</td>
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<td>Research Paper Due by 5.00pm</td>
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<td>34. 5/6 – TR</td>
<td>EXAM 4 (Chapters 11, 13, &amp; 14)</td>
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Group Email Assignment – Due – 21\textsuperscript{st} of January, 2010 by 5.00p.m

Instructions:

You are required to form a group of 2 students. For each group include the following details:

- Full Names of group members (first, last names and your preferred names)
- A photograph of each student in the group
- Contact details (telephone, email address)
- Allocate project leaders for each assignment (email assignment; access/excel assignment, chapter group oral presentations and case analysis).
- What will each student in the group major in?
- What do you hope to achieve from this course?
- How do you best learn in a classroom environment (lecture style, interactive problem solving sections, oral presentations, etc)?
- What is your career choice?

Submit them as one file per group to my email address (ratnasingam@ucmo.edu) by January 21\textsuperscript{st} 2010 at 5.00pm.

This section applies to the Group Oral Presentation Requirements and Allocation of points for all the topics: 20 points

- **You are required to present for 20 minutes (2 points)**
- **Quality of the content. (10 points)**
  - What is the concept? Provide a basic definition
  - How is it applied in a business organization? Describe the concept by applying it to real life examples. For example, describe the concepts from the text book and then apply it to a few real life examples (from practitioner journals such as Wall Street Journal, Fortune Magazine, Financial Times, Business Week, Communications of the ACM, Technology column of USA Today, Economists etc)
  - What are the benefits of this concept to the business and the organization?
  - What are the disadvantages/challenges or risks experienced by the business and the organization?
  - What were the lessons learned by the firm?
- **All members of the group are required to present (the work load must be evenly shared by the group members). (2 points)**
- **Use power points slides (2 points)**
- **Have a list of 3 discussion questions from the chapter for the class at the end of your presentation and be prepared to provide the complete answer if the class did not respond. (2 points)**
- **Submit one hardcopy and an electronic version of the presentation before class to the instructor (ratnasingam@ucmo.edu). (2 points)**