



Hawai'i Pacific University

MIS 3000

Foundations of Information Systems

MCP Term 4 2014 (07/07/2014 -09/15/2014)

Section:	ZO CRN:1218
Location and Time:	Online
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Office Hours:	By appointment

Course Description:

Information systems are an integral part of all business activities and careers. This course is designed to introduce students to contemporary information systems and demonstrate how these systems are used throughout global organizations. The focus of this course will be on the key components of information systems - people, software, hardware, data, and communication technologies, and how these components can be integrated and managed to create competitive advantage. Through the knowledge of how IS provides a competitive advantage students will gain an understanding of how information is used in organizations and how IT enables improvement in quality, speed, and agility. This course also provides an introduction to systems and development concepts, technology acquisition, and various types of application software that have become prevalent or are emerging in modern organizations and society.

Credits: 3

Prerequisites: MIS2000 (can be taken concurrently) or BUS 1000 and CSCI 1011 or CSCI 1041

Textbooks:

Experiencing MIS, 4E plus MyMIS Lab Package by David M. Kroenke, Prentice Hall, ISBN: 9780133098778 - Required

Context Calculus: Through the Looking Glass - Agile Software Development by Jerome Heath, IA Books, 2014, ISBN: 938266114X - Recommended

Bookstore Information:

All textbook information (pricing, ISBN #, ebooks) for this course can be found on the HPU Bookstore website: www.hpu.edu/bookstore. If you have any questions regarding textbooks, please contact the HPU Bookstore at 808-544-9369 or email mmiyahira@hpu.edu.



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Schedule of Activities, Assignments, and Due Dates (SUBJECT TO CHANGE)

Week	Topic	Assignment
1 Jul 07 +	Introduction, The Importance of MIS Business Processes, Information Systems, and Information	Exercise 0, Essay 1
2 Jul 14 +	Organizational Strategy, Information Systems, and Competitive Advantage Hardware and Software	Exercise 1, Essay 2
3 Jul 21 +	Database Processing	Exercise 2, Essay 3
4 Jul 28 +	Data Communication and the Cloud Organizations and Information Systems	Exercise 3, Essay 4
5 Aug 04 +	Midterm	Exercise 4, Essay 5, Midterm Exam
6 Aug 11 +	Social Media Information Systems Business Intelligence Systems	Exercise 5 Essay 6
7 Aug 18 +	Information Systems Development	Exercise 6, Essay 7
8 Aug 25 +	Information Systems Management	Exercise 7, Essay 8
9 Sep 01 +	Information Security Management	Presentations, Final Essay
10 Sep 08 +		Final Exam, Major Report Project

Essays

The essays must be **longer than 3 pages** to be accepted. The Final Essay must be longer than 5 pages. They must demonstrate research outside of the textbook and give references to where that research came from. They must be titled about something significantly related to the defined assignment and cover the issues of the title of the essay.

Essay 1 – What is the importance of MIS?

Essay 2 – Competing through computing. Research the IT strategy of one company or into how companies more generally are using computers to stay competitive or use computers to advance their competitiveness.

Essay 3 – Research the issue “MIS is Database”. Where does that come from? Is that true? How important are databases in MIS? What else is important?

Essay 4 – Setting up a Cloud in an organization; a corporate example or general methods.

Essay 5 – Research one company as to how their information system is organized and maintained or discuss organization of an MIS department in general. [You can do HPU IT if they will work with you.]



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Essay 6 – Research Business Intelligence; a corporate example of use or general methods.

Essay 7 – Read and Critique the textbook "Context Calculus: Through the Looking Glass". Discuss the important points of the book. What are the main issues of systems analysis according to the book and how are they developed? Compare the book with systems analysis from other sources. In what way is this book different than other books on the subject? You can also discuss pros and cons or do a SWOT analysis.

Essay 8 – Why is information security the most important issue to MIS today?

Final Essay – What is the importance of MIS? [Must be longer than 5 pages.]

Exercises

Exercise 0 – Introduce yourself to me. I need an email that you use regularly (in case I have an urgent message for everyone in the class). I want to know if you have experience working in IT, IS, Networking, or Application Development. If you have such experience let me know about it. If not just say no experience. Let me know the goals you have and what you would like to accomplish from this course and from completing a degree at HPU. I would like to know what your plans are for graduating and for your career. What do you consider your major and what would you like to be doing in five years?

Exercise 1 – Do research into the details of one collaboration tool. Use the collaboration tool as a team to share information about this course. Describe how the tool works and how you used it. Show some evidence that you used the tool (screen shots and downloaded results). Critique the value of the tool for an MIS department.

Exercise 2 – Do Chapter Extension3 as a tutorial. Hand a screen shots of the bottom of page 375, bottom of page 377, middle of 378, and bottom of 383 (showing the formula). Print the whole sheet of page 386 and the limited portion of the sheet at the bottom of 386.

Exercise 3 – Do Chapter Extension 5 as a tutorial. Hand in screen shots of the bottom of 409, bottom of 411, bottom of 414, bottom of 416, and the bottom of 420. Print out the resulting report

Exercise 4 - Do Chapter Extension 6 (Excel and Access) as a tutorial. Hand in a copy of the Note Pad file, screen shots of bottom of page 426, the database produced on 427, screen shots on the top of 429, and 431, screen shot on the top of 435, screen shot on the bottom of 438, screen shot on the bottom of 441, screen shot on the top of page



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446, and the screen shot on the top of 447 (you need to read between the lines to create the green portion).

Exercise 5 – Set up MySQL on your computer, make a connection through Workbench, create a user under your name, and create the Northwind database in the MySQL DBMS. Make a screen shot that show the MySQL Workbench open on your computer with at least one connection using your name as the connection name, a screen shot of database list on the management screen of that connection that includes the Northwind database in the list of databases, and a screen shot showing the Users and Privileges screen showing you have created a user under your name.

Exercise 6 – Do research into one major retailer's Supply Chain Management methods. How did they develop their supply chain? How do they control (manage) their supply chain? What are the rules for suppliers? What are the rules for inventory management? How do they maintain Just in Time (JIT)? What is the key information that they manage the supply chain on? Describe their system as much as you can from researched information.

Exercise 7 – Research the details of one recent security breach that has been newsworthy. There are many to choose from. Find one that you can get a lot of technical details as to what happened and why. Suggest some management methods that would reduce the problems of such breaches.

Major Report Project

Combine the essays you have written into a textbook on MIS.

Two changes must be made to each essay that now becomes a chapter:

1. The beginning of each essay, now chapter, must have a paragraph or more of an introduction to the chapter.
2. There must be at least two essay questions on the chapter at the end of each chapter.
3. There must be pictures added to the text of the textbook.

Chapter One: The basic idea of the first essay is in the right direction to be a summary of the whole book but you may need to make alterations to make it work as the first chapter of the book.

The textbook must read as a textbook. You may need to change some of the text to accomplish this. You definitely need to begin each chapter as a textbook chapter. You also need to add questions for students to answer at the end of each chapter.



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You should find pictures or clip art that goes with your text. A textbook always need pictures to represent the written material in the text. There should be pictures added wherever there is an issue that needs a picture. Also, as a rule, there should be at least one picture on each page of your textbook.

Presentations

Create a presentation (Power Point or Key Note) to describe your version of what MIS is.

This presentation must be at least 10 slides and cover what you think MIS is about and what a student must gain from taking an MIS course.

Online:

You will need to send the presentation as a blog to all the class members and me with their presentation attached to a **detailed** explanation of the presentation in the blog body. The detail is that you need to say what you would say in front of the class in your blog body. You should number each slide's discussion in the blog body to align it with the correct slide.

I want a digital copy of your complete paper and presentation. The presentation must be presented through the course blog and must include a discussion of each slide in a blog or in blogs associated with the Power Point file. The final paper is due the last week of class.



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Assignment weighting and letter grade awards. (SUBJECT TO CHANGE)

Graded Assignments	Points		Grade Percentage	Grade
Exercises (8 at 100 each)	800		90+	A
Chapter Essays (8 at 90each)	720		80+	B
Final Essay 190	180		70+	C
Exams (Mid 300, Fin 600)	900		60+	D
Project and Presentation	1200		59-	F
Participation (10 at 50)	500			
Total	4300			

Student Learning Outcomes

After successful completion of this course students will be able to:

1. Describe the role of information systems in the global environment.
2. Describe the components of information systems.
3. Analyze how organizations use information systems for collaboration, ecommerce, relationship management, and competitive advantage.
4. Discuss the risk, security, privacy, and ethical concerns regarding information systems.
5. Apply information systems for decision-making.
6. Analyze, evaluate, design, and acquire information systems for an organization.

Writing Requirement

Students must write and present a paper documenting their information systems project. There are also ten essays to write for their homework. There is also a major writing project.

Course Policies

Students are expected to attend all course lectures and participate in classroom and online discussions. All assignments should be turned in on time for maximum credit.

Late assignments, when accepted, will incur a 20% per week penalty. Students are expected to adhere to HPU's Academic Integrity standards.

Consult:

<http://www.hpu.edu/StudentServices/AcademicIntegrity/index.html>

Special Needs:

Under the Rehabilitation Act of 1973 (Section 504), the Americans with Disabilities Act Amendments Act 2008 (ADAAA), and Title III (Public Accommodations) Hawai'i Pacific University does not discriminate against individuals with disabilities.



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Students Rights and Responsibilities

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Any student who feels he/she may need an accommodation based on the impact of a disability is invited to contact Deneen Kawamoto (Coordinator of Academic Advising and Student Support) at HPU. She can be reached at (808) 544-1198 or in the downtown Academic Advising Office, UB 123, 1164 Bishop Street. She can also be reached at dkawamoto@hpu.edu. This is a necessary step in order to ensure reasonable accommodations in my course. Students are not expected to disclose their specific disability to the professor. Once you meet with the Coordinator and it is determined that accommodations will be provided you will bring a basic letter to your instructor explaining accommodations expected and not the nature of the disability. You may use the following link for guidelines to certify a disability: <http://www.hpu.edu/StudentServices/disability-resources-office/index-old.html>

Tutoring Center

If you are on the island of Oahu, please be aware that there is free additional help at The Tutoring and Testing Center, 6th Floor, 1060 Bishop Street (LB building), Downtown Honolulu Campus. You may email them at tutoring@hpu.edu or call them at (808) 544-9334. The Tutoring Center has a web presence and they do have tutors available for Computer Science students. . Although there is not currently an HPU supported online tutoring service for Computer Science subjects, HPU is currently partnered with SmarThinking (.pdf file) for Math, Science, Economics and Finance subjects. Signon is available under the Resources tab of HPU Pipeline.

Library Resources

As part of the research required for completion of the Discussion Topics in this course you should avail yourself of the HPU Library resources available through your Pipeline account. You can locate the research databases of interest that are available by going to the "Libraries" Tab and selecting "Databases." Examples of the type of databases you should use include:

1. JSTOR,
2. EBSCO,
3. Business,
4. Computer & Information Studies,
5. Etc.

Assistance in using these resources is available through the Library "Help" function on the Libraries Tab as well as through your instructor.

Report Writing Format (APA/MLA, etc) required for this course:

Although there are no papers required for this course, students are expected to exercise good grammar and correct spelling in all submitted assignments. Should students need the APA/MLA Report Writing Format for reference, it is available under the Library Tab on HPU Pipeline.



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HPU Student Conduct for Technology and Online Programs:

In addition to the on-campus student conduct policy, students enrolled in online program are expected to demonstrate the same tolerance, respect, and understanding that would prevail in any campus situation. All online users are expected to support the same respect for individuals, commitment to issue and problem resolution, and open communication and feedback as in the face-to-face environment. Specifically, online students are expected to:

- Accept responsibility and accountability for all use actions and content posted to any online classroom, public meeting or personal inbox (email).
- ☐ Maintain the same ethical standards expected in a collaborative, academic environment.
- ☐ Demonstrate respect for all faculty, students, and staff regardless of age, race, gender, religion, national origin, veteran's status, disability, or sexual orientation.
- ☐ In the online environment, the following will not be tolerated:
 - ☐ Harmful, threatening, libelous or abusive content
 - ☐ Profanity of any kind
 - ☐ Copyright infringement or violation of patent, trademark, proprietary information, or confidentiality agreements
 - ☐ Plagiarism (refer to the HPU ACADEMIC HONESTY POLICIES AND PROCEDURES included at the end of this syllabus)
 - ☐ Misrepresentation of identity through alteration of inbox (email) names
 - ☐ Posting unsolicited advertisements to public meetings or private inboxes (no spamming)
 - ☐ Transferring computer viruses, intentionally or unintentionally, or other code that disrupts or interferes with other users' use of the online environment or personal computers, systems, or networks.
- ☐ Users who are in violation of the terms listed above are subject to the following sanctions:

Student may be placed on disciplinary probation.

 - ☐ Student may be suspended from a class in which the student disrupted the learning environment.
 - ☐ The student's user account, by which the student may access the virtual classroom, may be terminated
 - ☐ The student may be terminated from the HPU Online Campus.
- ☐ In the case of academic dishonesty in the form of plagiarism, the student will receive, at minimum, an "F" or zero points for the assignment that was plagiarized. This rule applies to programs (source code), essays, examinations, term papers, projects, theses, messages posted to discussion boards, email messages, and chat sessions.

HPU Online Contact Information:

HPU Client Services HelpDesk at (808) 566-2411 (M-F 0730-2100 HRS HST, Sat and Sun 0730-1730 HRS HST)
or email: helpdesk@hpu.edu for technical assistance with Blackboard or HPU WebPages

The Five Academic Themes

The Five Themes of the General Education Core includes World Cultures, Values and Choices, Global Systems, Research and Epistemology (The branch of philosophy that studies the nature of knowledge, its



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presuppositions and foundations, and its extent and validity), and Communication. Every course offering should enhance the student's knowledge in one or more of the five themes. This course will improve the student's grasp of communication in the conversion of word problems as an integral part of problem solving. Additional information on the HPU's General Education Program is found on the HPU website.

World Cultures

This course meets the General Education common core requirements for World Cultures and meets the cross-theme requirement for Arts, Aesthetics and Creativity. Other parallel Gen-Ed student learning outcomes addressed include:

1. Engage with and interpret the various manifestations of cultures including verbal and visual texts, institutions, behavior and performance.
 - a. Students will be able to define the different parts of the musical pieces according to the form, forces (performers) and focus (melody, harmony, dynamic contrasts, timbre). This outcome will be assessed based on students' participation in online listening presentations, response/reactions and unit quizzes.
 - b. The student will also be able to distinguish pieces by time period/artistic movement according to sensitivity to style differences. This outcome will be assessed based on students' participation in online listening presentations, response/reactions, the outside concert paper and unit quizzes.
2. Analyze cultural forces that have influenced customs and choices in contemporary lifestyles and world views.
 - a. The student should be able to clearly articulate their subjective reactions and conceptualizations of a piece of music with objective terminology and categorization learned over the course of this term. This outcome will be assessed based on students' participation in online listening presentations, response/reactions and unit quizzes.
 - b. Students will be able to define the different parts of the musical pieces according to the form, forces (performers) and focus (melody, harmony, dynamic contrasts, timbre). This outcome will be assessed based on students' participation in online listening presentations, response/reactions and unit quizzes.
 - c. The student will be able to distinguish pieces by time period/artistic movement according to sensitivity to style differences. This outcome will be assessed based on students' participation in online listening presentations, response/reaction postings and unit quizzes.
3. Describe the significance of important movements or themes which have shaped the world's diverse cultures.
 - a. The student will be able to distinguish pieces by time period/artistic movement according to sensitivity to style differences. This outcome will be



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assessed based on students' participation in online listening presentations, response/reaction postings, unit quizzes and the final exam or project.