

VERTICAL LEARNING CURVE

MIS & E- Business

Course Description

3/31/2010



Contents

Contents	2
Overview	3
Course Outline	4
Required Text.....	6
Optional Readings and Resources	7
Credits – Cindy Meyer Hanchey, Ph.D., CDE	9

MIS & E- Business

Overview

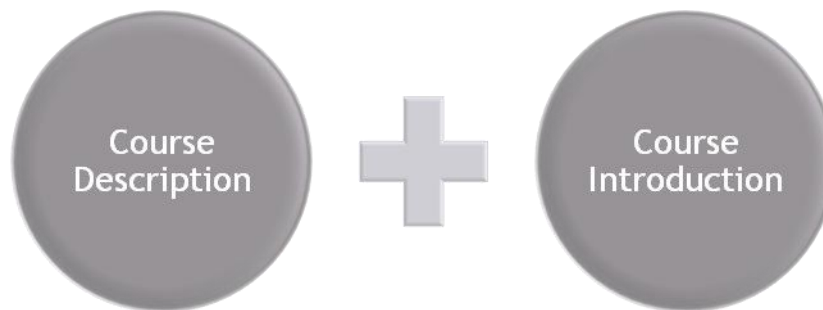
This course will investigate issues relevant to effectively managing Information Technology (IT). The functions of an information systems organization will provide the basis for exploring challenges facing Management Information Systems (MIS) managers and e-Business (electronic business). Management of the fast and ever-changing Information Systems (IS) environment will be a recurring theme.

Upon completion of this course a student should be able to:

- Describe the components of an Information System (hardware, software, data, procedures, and people),
- Discuss the importance of information as an organizational resource and develop an appreciation for issues in managing data, information, and knowledge,
- Describe management concerns and trends in the administration of the IS function, and
- Apply concepts covered on the planning, analysis, design, implementation, and management of IT and IS to the analysis of business situations.

This course has [11 modules](#) each focusing on a unique topic with unique objectives for your knowledge, skill, and values. Modules are given different priority, and so are not always equal in length, difficulty, or grading weight.

To enroll in this course, you must read this Course Description and the [Course Introduction](#).



Course Outline

Module	Issues + Resources
1	Introduction Introduction and Chapter 1 of Required Textbook ERP and IS Strategy Role of IT in Business
2	Organizational Performance Chapters 2-3 Examples of IS and Strategic Competitiveness Porter's Five Forces and Information Systems Systems Model and Information Systems Management Value Chain and IS Management
3	Identifying IS Needs in the Value Chain Chapter 4 Bidder Comparison Customer Sales Del Monte Case Microsoft Excel and Access IT Purchasing
4	Adopting and Adapting to IT <ul style="list-style-type: none"> ▪ Chapter 5 Competition and Analytics IT Upgrades The Role of Information Technology in Organizational Change
5	Architecture, Infrastructure and Enterprise <ul style="list-style-type: none"> ▪ Chapter 6 Asking the Right Questions
6	Internet Uses for Business <ul style="list-style-type: none"> ▪ Chapters 7-8 How IT Affects Company Globalization Strategy Business Use of Web 2.0 Web Security EDI/XML Industrial Marketing on the Internet Secrets For Software Buyers Social Media in the INC 500
7	The MIS Organization <ul style="list-style-type: none"> ▪ Chapter 9 Managing a Large Scale Global ERP How to Lead Smart IT Professionals MIS Organizations
8	Funding MIS <ul style="list-style-type: none"> ▪ Chapter 10 Managing IT in a Downturn IT Budgets Virtualization Hosted VOIP Mobile Workforce Survey Central's Philosophy for IT Budgeting Network Costs

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| 9 | MIS Security and Ethics <ul style="list-style-type: none">▪ Chapter 8Data SecuritySecurity ThreatsSurveillance and MonitoringPrivacy |
| 10 | Project Management <ul style="list-style-type: none">▪ Chapters 11-12Cases |
| 11 | Comprehensive Final Exam |
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Required Text

Managing and Using Information Systems, **3rd Edition**. Keri E. Pearlson, The Concourse Group and Carol S. Saunders, Univ. of Central Florida. ISBN: 978-0-471-71538-2.

Choose a print version (used or new) from **any online or traditional bookseller** <http://he-cda.wiley.com/WileyCDA/HigherEdTitle/productCd-0471715387.html> as available. See the publisher's site for more information:

Optional Readings and Resources

1. The Association for Computing Machinery (ACM) is widely recognized as the premier membership organization for computing professionals, delivering resources that advance computing as a science and a profession; enable professional development; and promote policies and research that benefit society. Established in 1947. <http://www.acm.org/>
2. ACM's Digital Library <http://portal.acm.org/dl.cfm> may be available through a library subscription.
3. Current Events: <http://technews.acm.org/>
4. Podcasts of discussions with IT experts, from the editors of ACM Queue <http://www.acmqueue.com/modules.php?name=Queuecasts>
5. Ubiquity®, a new web resource from the ACM, provides a moderated, interactive community for IT professionals and others to discuss important issues <http://www.acm.org/ubiquity/> (see the Special Interest Group on Management Information Systems <http://www.sigmis.org/>)
6. The Association of Information Technology Professionals (AITP) offers opportunities for IT leadership and education through partnerships with industry, government, and academia. AITP provides quality IT related education, information on relevant IT issues and forums for networking with experienced peers and other IT professionals for nearly 9,000 members. AITP is the Information Technology professional organization of choice for providing leadership opportunities, professional development and personal growth. Established in 1951. <http://www.aitp.org/index.jsp>
7. The Association for Information Systems (AIS) is a professional organization whose purpose is to serve as the premier global organization for academics specializing in Information Systems. Established in 1994. <http://home.aisnet.org/>
8. Journal of Computer Information Systems <http://www.iacis.org/jcis/index.htm>
9. The McKinsey Quarterly (Information Technology category) http://www.mckinseyquarterly.com/category_editor.aspx?L2=13
10. MISQ Central (electronic production of MIS Quarterly) <http://www.misq.org/>
11. Harvard Business Online <http://harvardbusinessonline.hbsp.harvard.edu/hbsp/index.jsp?requestid=24880>
12. Managing the Digital Enterprise (by Michael Rappa) <http://digitalenterprise.org/index.html>
13. Communications of the Association for Information Systems <http://cais.isworld.org/>
14. Journal of the Association for Information Systems <http://jais.aisnet.org/>
15. Journal of Information Technology <http://www.palgrave-journals.com/jit/index.html>
16. Electronic Journal of Information Systems in Developing Countries <http://www.ejisdc.org/ojs2/index.php/ejisdc>
17. Journal of Information Technology Education <http://jite.org/>
18. Journal of Information, Information Technology, and Organizations <http://jiito.org/>
19. Information Technology, Learning and Performance Journal <http://www.osra.org/journal.html>
20. Journal of Information Technology Impact <http://www.jiti.com/>
21. Information Systems Education Journal <http://isedj.org/>
22. Proceedings of ISECON (Information Systems Education Conference) <http://isedj.org/isecon/xref/index.html>
23. New York Times email headlines <http://www.nytimes.com>
24. Newsweek <http://www.msnbc.msn.com/id/3032542/site/newsweek>
25. Business Week <http://www.businessweek.com>
26. Wall Street Journal <http://online.wsj.com/public/us>

27. Reference Sites maintained by Diversity Business
<http://www.diversitybusiness.com/Resources/ReferenceSites/Resource.asp>
28. Management and Information Systems (provides links to case studies, books, and general MIS related links) <http://www-users.cs.york.ac.uk/~kimble/teaching/mis/mis.html>
29. The Distance Learner's Guide <http://www.wcet.info/dlguide/ch3.asp>

Credits – Cindy Meyer Hanchey, Ph.D., CDE

Retired

Ernest C. Wheeler Chair of Business, 2003-2009
Paul Dickinson School of Business
Oklahoma Baptist University, Shawnee, OK

Associate Professor, 1989-2009
Computer Science Department
Oklahoma Baptist University, Shawnee, OK

Senior Faculty (tenure), 1988
Assistant Professor, 1985-1989
Instructor & Coordinator Lower Division Courses, 1972-1985
Computer Science Department
Louisiana State University, Baton Rouge, LA

Acting Chair, Summer 1973
Participant in Faculty Exchange Program between Computer Science Departments of Louisiana State University and Southern University in Baton Rouge, LA

Programmer, 1971
Department of Employment Security
State of Louisiana, Baton Rouge, LA

Graduate Assistant, 1969-1971
Accounting Department
Louisiana State University

Research

- Computer education and design of computer-related curricula at all levels; gifted education; gender issues related to education; ethics and computing.
- PAPERS PRESENTED (partial listing)
- "Gambling on Technology" presented at the International Association for Computer Information Systems Conference, 2006 in Reno, NV
- "BLUES in Ethics: Blending Undergraduate Education Skills in Ethics" presented at the International Association for Computer Information Systems Conference, 2005 in Atlanta, GA
- "Skills, Etiquette, Protocol: What Do Students Need?" presented at The College Teaching and Learning Conference 2004 in Lake Buena Vista, FL
- "PEERS: Peer Evaluation and Effective Review Samples" presented at Information Systems Education Conference, ISECON 2002, San Antonio, TX
- "Women in Programming Is Not an Oxymoron!" presented at the Central Plains Regional Conference of the Consortium for Computing in Small Colleges, April 2001, Branson, MO
- "Introduction to Computing: One School's Course" presented at the International Association for Computer Information Systems Conference 1998, Cancun, Mexico
- "Communication Skills and Programming Languages" presented at the International Association for Computer Information Systems Conference 1997, St. Louis, MO

- "An Assessment of Needs of Graduates with Computer Science/Computer Information Systems Degrees" presented at South Central Small College Computing Conference 1994, Amarillo, TX
- "Labs, Learning Styles and Gender" presented at NECC '93, Orlando, FL
- "Math and Science: Way to the Top for Women in Academia" presented at Women & Work Conference 1991, Arlington, TX
- "PEERS: Peer Evaluation and Effective Review Samples" published in Proceedings of the Information Systems Education Conference, ISECON 2002
- "Trends in Computer Skills of Entering Freshmen" co-authored with D. Hanchey, published in Proceedings of the International Association for Computer Information Systems Conference (Sept.-Oct. 1998)
- "Introduction to Computing: One School's Course" co-authored with D. Hanchey, published in Proceedings of the International Association for Computer Information Systems Conference (Sept.-Oct. 1998)
- "Communication Skills and Programming Languages" published in Proceedings of the International Association for Computer Information Systems Conference (Oct. 1997)
- Dissertation, Dissertation Abstracts International (#9528275), "An Assessment Model for Surveying Graduates" published in The Journal of Computer Information Systems, Winter 1995-96.
- "An Assessment of Needs of Graduates with Computer Science/Computer Information Systems Degrees" co-authored with J. Kingsbury, published in Proceedings of South Central Small College Computing Conference 1994.
- "Labs, Learning Styles and Gender" published in Proceedings of NECC '93
- "Gender Equity--A Partial List of Resources" presented at NECC Pre-Conference Research Workshop entitled "In Search of Gender-Free Paradigms for Computer Science Education," June 1990, excerpted in Communications of the ACM, November 1990, p. 46. Published in an NECC Monograph (1992) In Search of Gender-Free Paradigms for Computer Science Education edited by C. Dianne Martin and Eric Murchie-Beyma.
- NSF Chautauqua Participant: "Cryptology and the Breaking of the Axis Codes in WW II" (2006 at Bletchley Park, England)
- Microsoft Workshop Participant: "Gaming", preconference workshop at CCSC CP, (2006 at Maryville, MO)
- BlueJ Day Participant; preconference workshop at ACM SIGCSE (2006 in Houston, TX)
- NSF Chautauqua Participant: "Internet Programming: Building Interactive and Database Driven Web Sites" (June 2004 at Christian Brothers University in Memphis, TN)
- Reviewer for "Legal, Social, and Ethical Issues of the Internet" in The Handbook of Information Security, to be published by Wiley and Sons.
- "Skills, Etiquette, Protocol: What Do Students Need?" presented at The College Teaching and Learning Conference 2004 in Lake Buena Vista, FL
- National Science Foundation, Graduate Research Fellowship Program, Washington, DC, Panelist, February 2002, January 2005
- National Science Foundation, Information Technology Workforce Program, Washington, DC, Panelist, January 2002
- National Science Foundation Course, Curriculum, and Laboratory Improvement Program, Panelist, February and July, 1999, July 2000, July 2001, July 2002, January 2005
- ACM/IEEE Computing Curricula 2001 Knowledge Area Focus Group, member

Recognition and Honors (partial listing, 1990 - Present)

- 2003-04 and 1998-99 Faculty Development Incentive Award Recipient
- Grace Hopper Celebration of Women in Computing 1994 Scholarship Recipient
- 1986-87 OBU Promising Teacher Award
- Dictionary of International Biography (23rd ed., 1994; 24th ed., 1995; 28th ed. 2000)
- Outstanding People of the 21st Century (1st ed.)
- Twentieth Century Award for Achievement
- International Women of the Year (1998-99, 1999-2000)
- America's Registry of Outstanding Professionals (2001-2001)
- 2000 Outstanding Scholars of the 20th Century

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