

INFS 770 - Knowledge Management for E-Business

Instructor: Dr. Larry Kerschberg

Office Hours: Mondays and Tuesdays, 3-4 pm, or by email appointment

Term: Spring Semester, 2008; January 22 through May 13, 2008

Class Meetings: Tuesdays 4:30 - 7:10 pm, Robinson Hall Room B220, Fairfax Campus.

Pre-requisite: INFS 622 or permission of instructor

Course Description: This course addresses the issues involved in creating and managing knowledge for e-business.

Topics covered in the course include

- The knowledge management life cycle model;
- Leadership in changing e-business environments;
- E-Business Models and Networks;
- E-Business Security and Reliability
- Middleware approaches to integration
- Ontologies, Web Services and Semantic Web Services.

Grading Policy:

Your grade in the course will be determined by grades obtained in individual assignments; class participation (in-class attendance, discussion and WebCT participation); case study discussions focused on Knowledge Management and E-Business issues; a group research project and presentation; and a Final Exam.

The breakdown of percentages is as follows:

Grade Component	Percentage
Individual and Group Assignments	30
Class Attendance and Participation	5
WebCT Discussion Participation	5
Group Project Contribution	20
Group Project Presentation	15
Final Exam	25

Textbooks:**Required reading:**

E-Business: Organizational and Technical Foundations, M. Papazoglou and P.M.A. Ribbers, John Wiley and Sons, ISBN 0-470-84376-4.

Knowledge Management: Classic and Contemporary Works, edited by Daryl Morey, Mark Maybury and Bhavani Thuraisingham, MIT Press, ISBN 0-262-133384-9

Recommended reading:

The Semantic Web: A Guide to the Future of XML, Web Services and Knowledge Management, M. C. Daconta, L. J. Obrst, and K. T. Smith, Wiley Publishing, Inc., 2003, ISBN 0-471-43257-1

The Knowledge-Creating Company: How Japanese Companies Create the Dynamics of Innovation, Ikujiro Nonaka, Hirotaka Takeuchi, and Hiro Takeuch, ISBN 0-19-509269-4

Working Knowledge: How Organizations Manage What They Know, Thomas H. Davenport and Laurence Prusak, Project Management Institute, 1997, p. 224, ISBN 0875846556

Updated: Wednesday January 23, 2008 10:59 PM with Working Knowledge book reference.