

Management Computer Systems Courses

(MCS)

MCS 725

E-Business: Technology, Applications and Issues 3 u

This course is designed to provide graduate students with an overview of internet technologies and electronic business phenomenon currently sweeping the global economy. The course provides an opportunity for students to identify, analyze, and discuss issues and challenges from a strategic, organizational and technology perspective. These issues and challenges need to be addressed by nations, industries, and corporations in their attempt to be a part of the e-business marketplace. The goal of the course is to cover the major topics rather than be encyclopedic. The course makes use of lecture, discussions, readings, cases, and student research projects.

The course also has a technical component that teaches internet technologies such as HTML, JavaScript and the Document Object Model that help form the foundation of all Web development. What this course is NOT: Because this course is an IS course, we will not discuss e-business from a marketing perspective. The student is expected to be familiar with information technologies associated with the delivery of Internet sites. These topics will be discussed only briefly.

MCS 740

Information Systems Strategy And Policy 3 u

Acquaints students with the issues, procedures, and opportunities associated with the organizational use of information technology and with the management of the IS function. Topics include the role of IS technology in organizations, planning, organization, and control of the IS function, IS support for corporate re-engineering and strategic initiatives, IS operations management, and the maturity of the IS function.

MCS 760

Topics In Information Technology And Management 3 u

This course addresses a changing milieu of topics concerning information systems business. Topics may include new methodologies and products that implement them, new problem solving approaches, or emerging business and environmental concerns.

MCS 785

Project Management: Methodologies, Techniques, and Tools 3 u

This course will provide students with pragmatic guidance in the management of IS projects by analyzing critical success factors, skills and techniques required to successfully organize, plan, schedule, monitor, and control projects. Cost and schedule estimation techniques are presented together with proposal writing, project planning, team building, negotiation/ communication, risk management, alternative technology assessment, and quality measurement techniques.

MCS 790

Workshop 1-6 u

MCS 791

Travel Study

MCS 798

Individual Studies 1-6 u