

## COURSE MASTER SYLLABUS

Date: September 2010

Course Prefix and Number: IS 520

Course Title: Web Portals and Applications

Instructor(s): N. Patnayakuni

Typical Textbook: Schneider, Electronic Commerce, Course Technology, 2010.

Catalog Description: This course bridges the boundary between consumer use of Web applications and the ability of enterprises to derive value from web technologies and platforms by developing portals that integrate disparate organizational silos and databases. The course explores concepts in digital content and communication, technology infrastructure and social media. Utilization of SAP tools to develop an enterprise portal front end to organizations' back-end business systems.

Prerequisites: IS 301

Course Objectives:

- Bridge the boundary between consumer and enterprise use of Web applications by developing hands on skills in using the web platform to develop enterprise Portals using SAP.
- Comprehend the benefits and organizational capabilities and issues associated with Internet based and mobile commerce.
- Understand the underlying technical infrastructure of the Internet and the web including search engines, web servers, shopping carts and the web application architecture.

Subject Matter: 28 sessions at 80 minutes each plus a final exam

Topic Number	Topic Title	Number of Sessions on Topic
1.	Auctions and Exchanges	1
2.	E Business Infrastructure	2
3.	Selling and Marketing on the Web	1
4.	Software and Services	1
5.	Web Servers and shopping carts	2
6.	E Business models	2
7.	Business Processes and Transactions	1
8.	Virtual Communities	1
9.	Hands on web Application use	2
10.	E-Business Security	2
11.	Legal and Ethical Issues	2
12.	Globalization	1
13.	SAP Portal development	10

Active Student Involvement: Through homework, class discussions, presentations, and projects.

Graduate Students: Graduate students write a research paper on a topic of their interest. Graduate students are required to demonstrate depth of understanding and the ability to critically analyze and integrate material.

Collaborative Learning Experiences: Team based presentations and projects

Global Business Environment: The World Wide Web as a global market.

Ethics: Copyright infringement, privacy issues, DRM.