GAF 710 AND GBS 789: Management Information Systems

Course Objectives

The broad objectives of this course are to introduce students to the fundamentals of managing information systems, including topics such as electronic commerce, electronic business and the internet. The course encourages students to apply what they learn from the Course to the real-world management decision making environment. The course offers opportunities to students to be involved in course activities (e.g. seminar style, debates) in such a way as to promote their interpersonal communication and project management skills, and create awareness of the ethics / social implications / professional practice of managing information systems.

Course Outline: Topics
 1: **Basic Concepts and Elements of Information Systems (IS)**
 2: **Hardware and Software Elements of Information Systems**
 3: **The Accounts Information**
 4: **Enterprise Resource Planning (ERP) – Industry Perspective**
 5: **Knowledge Management and Decision Support Systems**
 6: **Systems Development Life Cycle (SDLC)**
 7: **Managing the Information Systems Data (Information) Assets**
      Databases, The database architecture and Designing the Database
 8: **Information Systems Security and Control**
              Relevant Books

Laudon, K.C. and Laudon J. P. "Essentials of Management Information Systems - Managing the Digital Firm" 6th Ed. Prentice Hall 2004 (ISBN 0-13-127311-6)

Hall, J. A. "Accounting Information Systems" 4th Ed. South-Western, Thomson Learning, 2004 (ISBN 0-32-428287-7)

Romney, M.B. & Steinbart, P.J,. Accounting Information Systems (10th), Prentice Hall, 2005

Database Systems: Design, Implementation, and Management, Fifth Edition, Rob and Coronel
Fundamentals of Database Systems, 4th Edition, Elmasri and Navathe