

**Course number and name:** 410CIS-3 IS Policies and Strategies

**Credits and contact hours:** 3 crs.; 4hrs (3hrs theory and 1 hr. Tutorial)

**Instructor's or Course Coordinator's name:** Dr. Hejab Al-Fawareh

**Text book, Title, Author, and Year:** Information systems management in practice, by: McNurlin, Eighth edition

- a. **Supplemental Materials:** Pearlson and Carol S. Saunders, "Managing and Using Information Systems: A Strategic Approach", John Wiley and Sons."

### **Specific Course Information**

- a. **Catalog Description:** This course provides an understanding of the use and Importance of information technology from an organizational perspective by focusing on the development of IT policies and plans to achieve organizational goals. Topics include the strategic uses of IT and design of work; IT architecture and infrastructure, Distributed Systems, Managing Information Resources, Telecommunications and Operations; Management Issues in System Development, Technologies for Developing Systems, Information Systems sourcing, Governance of Information Systems Organizations; Supporting Decision Making, Collaboration and Knowledge work; Funding IT, Using Information Ethically and The Challenges Ahead.
- b. **Pre-requisites or Co-requisites:** None
- c. **Required, Elective, or Selected elective:** Required

### **Specific Goals for the Course**

- a. **Specific Outcomes of the Instruction:**
- Describe the importance of Information Systems Management and Strategic planning of Information Systems.
  - Use IT in a strategic fashion.
  - Breakdown IT objectives in to Operating Principles
  - Manage organizational change, outsourcing, governance, IT architecture and infrastructure and software development of the Organization
  - Develop IT policies and plans to achieve organizational goals.
  - Evaluate Risk and Performances of the Organization
- b. **Students Outcomes Addressed by the Course:** a, b, c, e, g, i, j, h

### **Brief List of Topics to be Covered**

- The Importance of Information Systems Management
- The Top IS Job
- Strategic Uses of Information Technology
- Information Systems Planning
- Distributed Systems :
- The Overall Architecture

- Managing Telecommunications
- Managing Information Resources
- Managing Operations
- Technologies for Developing Systems
- Management Issues in Systems Development
- Supporting
- Decision Making
- The Challenges Ahead