CPIS-434 Syllabus

Catalog Description

CPIS-434   IS Strategies and Policies
Credit: 3 (Theory: 3, Lab: 1, Practical: 0)
Prerequisite: CPIS-220
Classification: Department Required

The objective of this course is to define the concept of the strategic framework that can be used to evaluate and make use of recent technologies to serve the overall goals of institutions. Topics include the main principles of strategic planning and the interrelation between them, the fundamental management strategies and how to make use of Information Systems, and how to develop short and long-term plans to obtain and manage technology.

Class Schedule

Meet 50 minutes 3 times/week or 80 minutes 2 times/week

Lab/Tutorial 90 minutes 1 times/week

Textbook

Keri E. Pearlson, Carol S. Saunders, Dennis F. Galletta, , "Managing and Using Information Systems, Binder Ready Version", John Wiley & Sons; 6 edition (2016-01-11)

ISBN-13 9781119244288   **ISBN-10** 1119244285

Grade Distribution

Week	Assessment	Grade %
5	Exam 1	10
6	Homework Assignments 1	5
8	Homework Assignments 2	5
9	Group Project	20
11	Exam 2	20
16	Exam	40

Last Articulated

April 4, 2018

Relationship to Student Outcomes

a	b	c	d	e	f	g	h	i	j
		x		x		x			x

Course Learning Outcomes (CLO)

By completion of the course the students should be able to

1. **Explain the various functions and activities within the information systems area (j)**
2. Identify the role of IT management and the CIO in structuring of IS management within an organization, and managing IS professionals within the firm (e)
3. **Examine an organization through the lens of non-IT senior management in deciding how information systems enable core and supportive business processes as well as those that interface with suppliers and customers (e)**
4. Define the concepts of information economics at the enterprise level (j)
5. Demonstrate how IS represents a key source of competitive advantage for firms (g)
6. Organize IS-related activities to maximize the business value of IS within and outside the company (c)
7. **Describe existing and emerging information technologies, the functions of IS and its impact on the organizational operations (g)**
8. Evaluate the issues and challenges associated with successfully and unsuccessfully incorporating IS into a firm (e)
9. **Explain how strategic decisions are made concerning acquiring IS resources and capabilities including the ability to evaluate the different sourcing options (g)**
10. Apply information to the needs of different industries and areas (e)
11. **Define the role of IT control and service management frameworks from the information systems perspective of managing the IS function in an organization (j)**

Coordinator(s)

Prof. Hamid Syed, Professor

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Topics Coverage Durations

Topics	Weeks
The Information Sytem Strategy Triangle	2
Strategic Use of Information Resources	2
Organizatinal Impacts of Information System Use	2
Information Technology and the Design of Work	2
Information Technology and Changing Business Processes	1
Architecture and InfraStructure	2
Information systems Sourcing	1
Governance of Information systems Organization	2
Revision and Discussion	1