

CPIS-483 Syllabus

Catalog Description

CPIS-483 E-Systems Applications

Credit: 3 (Theory: 3, Lab: 1, Practical: 1)

Prerequisite: CPIS-380

Classification: Elective

The objective of this course is to provide broad understanding of various e-system Web applications and to identify the role these e-systems play in the development process of institutions and the society. Topics/applications include social networks, e-Learning, e-government, mobile computing, pervasive computing, e-CRM, E-Auctions, E-Supply chain, and support technology concepts such Web 2.0 applications, web services, and cloud computing.

Class Schedule

Lab/Tutorial 90 minutes 1 times/week

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

Textbook

Efraim Turban, , "Electronic Commerce 2010" 6 edition (2010)

ISBN-13 9780137034659 **ISBN-10** 0137034652

Grade Distribution

Week	Assessment	Grade %
3	Quiz 1	5
6	Exam 1	10
8	Homework Assignments 1	5
10	Graded Lab Work	10
12	Exam 2	10
14	Quiz 2	5
14	Homework Assignments 2	5
16	Group Project	20
16	Comprehensive Final Exam	30

Last Articulated

December 25, 2017

Relationship to Student Outcomes

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

Course Learning Outcomes (CLO)

By completion of the course the students should be able to

1. Appraise E-Business and E-Commerce (j)
2. **Describe the Web 2.0 concepts and applications. (i)**
3. Describe online social networking and social networking sites (i)
4. Explain types of e-government and the initiatives. (j)
5. Describe e-learning, types of e learning, learning objects and tools (j)
6. **Explain the mobile computing components, technical infrastructure and services (i)**
7. Describe consumer, personal and business applications of mobile commerce. (j)
8. Describe location-based mobile commerce (j)
9. Describe Web services and architecture (i)
10. **Explain fundamentals of dynamic pricing and type e-auctions (j)**
11. Explain the e-auction process and software support (j)
12. **Describe e-CRM, types and applications (j)**
13. Describe e-supply chains, its characteristics and components (j)
14. Explain RFID and its application in e-supply chains (i)
15. **Develop B2C Web 2.0 based applications (project) (c)**
16. Describe cloud computing deployment models and services (j)

Coordinator(s)

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Topics Coverage Durations

Topics	Weeks
E-Business and E-Commerce	2
Web 2.0 and Social Networks	2
E-Government	1
E-Learning	1
Mobile Computing and M-Commerce	2
Web Services	1
Dynamic Pricing and E-Auctions	2
E-CRM	1
E-SCM	1
Cloud computing fundamentals	1
Launching Successful E-Commerce Projects	1