CPIS-363 Syllabus

Catalog Description

CPIS-363 Intelligent Systems
Credit: 3 (Theory: 3, Lab: 0, Practical: 1)
Prerequisite: CPIS-250
Classification: Elective

The objective of this course is to equip students with the required skills to be able to access information and be able to use it efficiently through using intelligent systems that lead to success and economic superiority. This course will cover the necessary concepts and techniques that facilitate developing intelligent systems used in business applications.

Class Schedule

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

Lab/Tutorial 90 minutes 1 times/week

Textbook

Alexander M. Meystel, Alex Meystel, James Sacra Albus, , "Intelligent systems", Wiley-Interscience; 1 edition (2002)

ISBN-13 9780471193746 **ISBN-10** 0471193747

Grade Distribution

Week	Assessment	Grade %

Topics Coverage Durations

Topics	Weeks
Introduction to intelligent systems.	1
Theoretical background about the way intelligent systems work.	2
Application fields of intelligent systems.	2
Purposes of using intelligent systems.	2
Intelligent systems design and development.	2
Intelligent systems applications and ways of deploying them.	2
The use of intelligent systems in various fields; technical, medical, and military.	1
Intelligent systems problem and methods of troubleshooting them.	2

Last Articulated

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. To be familiar with the intelligent systems development techniques. ()
2. To be able to troubleshoot problems of assistant intelligent systems. ()
3. To know the fields in which intelligent systems are advantageous. ()
4. To know the purposes of using intelligent systems. ()
5. To be familiar with the methods of designing and developing intelligent systems. ()
6. To be familiar with intelligent systems applications and ways of deploying them. ()

Coordinator(s)