Faculty of Computers and Information Technology

Knowldge Base Systems

Information :

Course Code :	CSC 442	**Level** :	Undergraduate	**Course Hours :**	3.00- Hours

Department :	Department of Computer Science

Instructor Information :

Title	Name	Office hours
Associate Professor	Khaled Tawfic Hassan Wassif	
Teaching Assistant	Mariam Ali Ibrahim Elsayed	1

Description :

Introduction to Knowledge-based Systems. Knowledge representation principles and techniques. Knowledge acquisition and construction, practical problem solving, uncertainty in knowledge. Knowledge-based systems development methodologies and tools. Focuses on current methods of implementing expert systems. Topics include the structure of problem- soloing engines and knowledge bases for expert performance, problem taxonomies, Methods to automate the acquisition of human experiential knowledge, Methods to automate the expiation of problem- soloing behaviors, examples of existing expert systems. And their application areas. Recent correlated software packages should be used through labs.

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