Faculty of Computers & 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
Professor	NEVEEN IBRAHIM MOHAMED GHALI	1
Associate Professor	Osama Fathy Saleh Hegazy	1
Teaching Assistant	Rahmatallah Hossam Farouk Hassan Mohamed AlSofany	5
Teaching Assistant	Maha Farghaly Ali Ahmed	

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.