Republic of Iraq

The Ministry of Higher Education & Scientific Research

بسم الله الرحمن الرحيم

University:Diyala
College: Science
Department:Computer Sc.
Stage: Second
Lecturer name: Hazim Muman

Qualification:. Ass.Lectrurer
Place of Work: Diyala universityCollege: Science college

Flow up of implementation cell pass play

Course Instructor	Ass.Lecturer Hazim Numan Abd				
E-mail	Hazim_Numan@yahoo.com				
Title	**Pattern Recognition**				
Course Coordinator					
Course Objective	Course aims to teach students basic techniques of pattern recognition				
Course Description					
Textbook	1. Gonzalez R., "Semantic Pattern Recognition", Prentice Hall 1978. 2. Young T. Y. and Calvert T. W., "Classification Estimation and Pattern Recognition", Prentice Hall 1974.				
Course Assessments	Term Tests	Laboratory	Quizzes	Project	Final Exam
	As(40%)		As(10%)	-	As (50%)
General Notes					

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Course Weekly Outline

Week	Date	Topes Covered	Lab. Experiment Assignments	Notes
1	28/1/2015	*Definition (pattern, features, classes, and cluster)*		
2	4/2/2015	*Pattern recognition system*		
3	11/2/2015	*Pattern recognition methodology*		
4	18/2/2015	*Decision rule types*		
5	25/2/2015	*Deterministic Methods for Pattern Recognition*		
6	3/3/2015	*Features (equal-weighted, different weighted)*		
7	10/3/2015	*Centeroied of class, Radius of class.*		
8	17/3/2015	*Distance between classes, Boundary decision level*		
9	24/3/2015	*Statistical Methods for Pattern Recognition;*		
10	31/3/2015	*Random variable*		
11	7/4/2015	*Gaussian distribution*		
12	14/4/2015	*Some important statistical concepts (average, median, mode, variance, standard deviation, norm)*		
13	28/4/2015	*Likelihood ratio test*		
14	5/5/2015	*Discriminant measures, Metric distance measures (MSD, MAD, Norm-n, and Hamming distance)*		
15	12/5/2015	*Non-metric distance measures (CCC, Tanimoto distance)*		

26/5/2015

Instructor Signature: Dean Signature: