

COMPUTER INFORMATION SYSTEMS 1230

Micro Database Applications

This is an information sheet only, not the course syllabus.

COURSE DESCRIPTION

Relational database management course using a Windows platform including database design, database creation, database maintenance, firm creation, report creation, query creation, and macros creation. Instruction in application development and programming using a representative microcomputer database management package. Prerequisite: Computer Information Systems 1110 or 1130, or 1150. (3 credit hours)

COURSE MATERIALS

New Perspectives on Microsoft Office Access 2007, Comprehensive. ISBN: 1-4239-0589-X
Ingredients for Database Recipes, Liu, ISBN: 0-9789933-0-6

COURSE OUTLINE EVALUATION

Unit	Wk	Topics	Cases	Due Date
1	1	Windows Review		
	2	Level I: T-1 Creating a Database	# 3 (50 pts)	1-25
	3	T-2 Building a Database and Defining Table Relationships	# 3 (50 pts)	2-1
	4	T-3 Maintaining and Querying a Database	# 3 (50 pts)	2-8
	5	T-4 Creating Forms & Reports	# 3 (50 pts)	2-15
2	6	Level II: T-5 Creating Advanced Queries and Enhancing Table Design. Term project proposal is due this week.	# 1 (50 pts)	2-22
	7	T-6 Using Form Tools and Creating Custom Forms		
	8	T-6 Using Form Tools and Creating Custom Forms	# 1 (100 pts)	3-7
	9	T-7, Creating Custom Reports		
	10	T-7, Creating Custom Reports	#1 (50 pts)	3-21
	11	Spring break		
	12	Level III: T-9 Using Action Queries and Advanced Table Relationships	# 4 (50 pts)	4-4
3	13	T-10 Automating Tasks with Macros Ch 1, 2 Ingredients for Database Recipes	# 4 (50 pts)	4-11
	14	T-11 Using & Writing VBA Code Ch 4, 5 Ingredients for Database Recipes	# 4 (100 pts)	4-18
	15	T-8 Sharing, Integrating, and Analyzing Data Ch 6 Ingredients for Database Recipes	Assignment A (100 pts)	4-25
	16	T-12 Managing and Securing a Database Ch 3 Ingredients for Database Recipes	Assignment B (100 pts)	5-2
	17	Term Project Due (200 points)		

GRADING

- A 90% or above
- B 80%-89%
- C 70%-79%
- D 60%-69%
- F <59%

SATISFACTORY/FAIL OPTION

The S/F grade option is available to students in this course. Contact the instructor or refer to the syllabus for details and conditions.

INCOMPLETE GRADE POLICY

If you may find that you are unable to complete the course by the end of the semester for some unavoidable reason you may request an Incomplete grade. Contact the instructor or refer to the course syllabus for details.