Module (Course Syllabus) Catalogue

2022-2023

College/ Institute	Erbil Administrative Technical College	
Department	Business Administration Techniques	
Module Name	Computerizing Project Management	
Module Code	CPM605	
Semester	Sixth Semester	
Credits	4	
Module type	Prerequisite ☐ Core ☐ Assist ☐	
Weekly hours	3	
Weekly hours (Theory)	(0) hr. Class	(0) hr. Workload
Weekly hours (Practical)	(3) hrs. Class	(100) hrs. Workload
Lecturer (Theory)	/	
E-Mail & Mobile NO.	/	
Lecturer (Practical)	Payman Mohammed Hasan	
E-Mail & Mobile NO.	Payman.hasan@epu.edu.iq	

Course Book

Condition and policy	The purpose of this information is to assist students in understanding proper classroom behaviour. The classroom should be a learning-centered environment in which faculty and students are unhindered by disruptive behaviour. You are a college student and are expected to act in a mature manner and to be respectful of the learning process, your instructor and your fellow students. Faculty members have the authority to manage their classrooms to ensure an environment conducive to learning. • Take responsibility for your education. • Attend every class. • Get to class on time. • Do not have private conversations. • Turn mobile phones off. • Do not dominate other students' opportunity to learn by asking too many questions. • Respect your instructor. • Your classmates deserve your respect and support. • Come to class prepared. • Turn in your work on time. • Do not bring children to class. • Cheating (or Plagiarism) on assignment/exam will result in "Failure".
Course objectives	• Upon successful completion of the course, the student will be able to: • Use Access to create and modify tables in relational databases • Work in groups on a project to design and create a database for an application requiring a small to average number of tables • Merge normalized relations from each user view into a complete set of normalized relations for a simple business application • Prepare an Entity Relationship Diagram for a simple business application • Use Access to retrieve data from relational databases • Prepare the physical relational database schema for a simple business application • Identify user views for an application

	- Normalize a user view to 3rd Normal Form - Describe the basic differences between relational, hierarchical and network databases - Describe the basic functions of a Database Management System - Describe the responsibilities of a Database
Student's obligation	The students are obliged to attend the lab sessions. Throughout the course students will be tested through quizzes, assignments, lab tests.
Assessment scheme	24% Mid Term (Theory and practical) 8% Quiz 26% Assignment (report, project, homework, seminar.) 40% Final Exam
Course References	(Database for beginners and fundamentals) http://www.staff.amu.edu.pl/~zcht/pliki/Databases%20for%20beginners.pdf http://www.esp.org/db-fund.pdf https://www.britannica.com/technology/database https://www.sqlcourse.com/

Practical Topics	**Week**
- **Introduction to Databases What are the advantages and Disadvantages?** - **Introduction to Relational Databases: Entities, Attributes, Relationships, Primary Keys and Foreign Key**	**1-3**
- **Entity – Relationship diagram, defining entities and relationships** - **Metadata. Relational**	**4-6**
- **Introduction to MS Access**	

• **Creating tables in Microsoft Access, defining relations between tables** • **Apply entity-relationship model in Ms Access** • **Apply metadata, relational** **Creating Forms Creating Query** **And Properties** • **Creating Report** • **Creating More Example database**	**7-12**