Course Title:	**Intro. to Database Systems**
Duration:	Five (5) days
Class Schedule:	9:00am to 5:00pm
Target Participants:	Government and Private I.T. Personnel, Members of the Academe and College Graduates of Computer Science and I.T. related courses.
Total Hours:	35 Hours
Description:	The course includes overview of the database development process, entity relationship diagrams, relational analysis including normalization, physical database design, SQL, object-oriented databases, client-server and internet database environment, XML, transaction processing and concurrency control, data warehousing and data mining.
Requirements:	Exercises and Project

Course Contents:

Day 1

1. Introduction to Databases
2. Database Development Process
3. Entity Relationship Diagram
4. Exercises
5. Overview of Project Requirements

Day 2
1. Relational Analysis
2. Physical Database Design
3. SQL
4. Hands-on Exercises

Day 3

1. Object-oriented database modeling
2. Object-oriented database development
3. Overview of Commercial and Open Source Relational Databases
4. Overview of Commercial and Open Source Object Databases
5. Hands-on Exercises

Day 4

1. Client/Server Systems and Internet Database Environment
2. XML Databases
3. Transaction Processing and Concurrency Control
4. Hands-on Exercises

Day 5

1. Data Warehousing
2. Data and Database Administration
3. Distributed Databases
4. Project Presentation