



IT 250 Introduction to Databases

Course Number Course Name	IT 250 Introduction to Databases
Credit Value (Breakdown of theory and lab credits)	(3, 3T+0S)
Catalog Course Description	Through an introduction to database software, you will study the Entity-Relationship model, basic database tables, queries, forms, and report creation and management. Prerequisite: EECE 152L.
Student Learning Outcomes/Objectives /Competencies of the Course	<p>1- Use the different data types available in SQL to provide information storing and discuss the properties and limitations of each type, when and how to use them, how to choose between similar type, expression, evaluation, and type conversion.</p> <p>2- Learn how to write and use SQL programs that are stored on the Servers side. Types of programs available to store functions, procedures, triggers and events.</p> <p>3- Learn how to run queries efficiently.</p> <p>4- Use some application programming interfaces (API) available and provide a general comparison between them.</p> <p>5- Write modules using java scripting/ VBScripting/ or other programming language to get access to data within a database and develop a front end application.</p>
College-Wide Student Learning Outcomes	<p>IT 250 learning objectives align with the following NNMC College Wide Goals:</p> <ol style="list-style-type: none"> 1. Critical Thought 2. Information Competency and Research

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