Course Title	**ADVANCED DATABASE MANAGEMENT**
Course Code	**CSC 315**
Course Purpose and Objectives	The purpose of this course is to enforce students advancing their scripting query skills for retrieving data from relational databases. Students will also explore securing and backup techniques. They will learn how non-relational databases function and distribute data as well as understand data mining and data warehousing. Students will also explore various data systems in the industry and evaluate various cases.
Learning Outcomes	1. Analyze the various types of data systems. 2. Advancing their scripting query skills in relational databases 3. Analyze the functioning of non-relational databases 4. Apply techniques for securing a data system 5. Explore data systems available in the industry
Course Content	• Relational database systems • Advanced SQLqueries on relational databases • Transaction processing • Data mining and data warehousing • Non-relational databases • Distributed data • Securing a database system • Data systems in the industry