

Course Title	Database Administration and Management
Course Code	DI-324
Credit Hours	3+1
Category	Domain Core
Prerequisite	CC-312: Database Systems
Co-Requisite	None
Follow-up	None
Course Description	Introduction to advanced data models such as object relational, object oriented. File organization concepts, Transactional processing and Concurrency control techniques, Recovery techniques, Query processing and optimization, Database Programming, Integrity and security, Database Administration, Physical database design and tuning, Distributed database systems, Emerging research trends in database systems.
Text Book(s)	1. Ramez Elmasri, Shamkant Navathe, Fundamentals of Database Systems, 6 th Edition, Addison Wesley, 2010, ISBN: 0136086209.
Reference Material	1. Henry F. Korth, Abraham Silberschatz, Database System Concepts, 6 th Edition, McGraw Hill, 2010, ISBN: 0073523321.