

SYLLABUS
IT 5433: Databases: Design and Applications
FALL 2023

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Course Learning Objectives:

1. Compare and contrast the basic database models.
2. Analyze, design, develop and implement a relational database system based on business requirements.
3. Create, modify and query databases using the SQL language.
4. Analyze the major aspects of database administration and compare and contrast issues of database security.
5. Describe XML and its use in database systems.
6. Conduct independent research on a subject related to the course material.