Course Syllabus

Course Information
Credits: 3 credits
Term: Spring 2024
Time and Room: Thursday 1:10 pm – 4:00 pm P146

Instructor Information
Name: Tim Finan
Department: Applied Engineering and Sciences Department, UNH Manchester
Office: P143
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Office Hours:

- As posted outside my office
- Outside posted hours; as needed by appointment

Course Description
This is a project course that provides practical experience with database systems and technologies. Topics include data modeling, database design, system development and integration, database administration, and configuration and project management.

Course Objectives
Upon completion of this course, students should be able to:

- Understand what data models are and use them to design logical structures for databases
- Use Data Definition Language (DDL) to create, modify, and delete database objects
- Use Data Manipulation Language (DML) to perform operations on database objects
- Plan, execute, and present database projects
- Successfully pass system design questions involving database design

Text and Resources
Database Design – 2nd Edition, Adrienne Watt and Nelson Eng
- https://open.umn.edu/opentextbooks/textbooks/354

SQLite – Database Management System
- https://www.sqlite.org/index.html
- https://sqlitestudio.pl/

Grading
Final grades will be based on Quizzes, Homework, Project and Final Exam.

- Participation/Attendance – 20%
- Homework/Assessments – 40%