|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **ITEC 3200** | **Spring 2023** | **Section 1** | **Mon/Wed 3:30 – 4:45** |
| **WEEK** | **DATE** | **IN CLASS** | **WHAT IS DUE BY START OF CLASS Today** | **HOMEWORK ASSIGNMENT** |
| 1 | Wed 1/18 | Syllabus; Introductions  Ice Breaker |  |  |
| 2 | Mon 1/23 | Preferences Survey;  Intro to Database Systems |  | Learning Checkup Intro (Quizzes) |
|  | Wed 1/25 | Relational Model | Learning Checkup Intro | Learning Checkup Relational (Quizzes)  Install MySQL |
| 3 | Mon 1/30 | Quiz bowl for Quiz 1;  Setup Animal & Fitness  Paired Relational DB activity | Learning Checkup Relational  MySQL Installed | Study for Quiz 1  Complete Paired Relational DB activity (if not completed in class) |
|  | Wed 2/1 | Database Design: ERD  In Class Activity: Relational DB Properties | MySQL and Animal and Fitness Installed | ERD homework #1 |
| 4 | Mon 2/6 | **Take Quiz1**  Database Design: ERD Many-to-Many ERD Class activity in MySQL | ERD homework #1 | ERD homework #2 |
|  | Wed 2/8 | DDL/DML | ERD Homework #2 |  |
| 5 | Mon 2/13 | DDL/DML |  | Start DDL-DML homework |
|  | Wed 2/15 | Go over Semester project, Part 1  Quiz Bowl for Quiz 2  In Class work: DDL-DML Homework | Take Respondus Lockdown Quiz | Study for Quiz 2  Complete DDL-DML homework |
| 6 | Mon 2/20 | **Take Respondus Lockdown and Quiz 2**  Go over the associative entity in DDL-DML Homework | DDL-DML Homework | Study for Exam 1 |
| **WEEK** | **DATE** | **IN CLASS** | **WHAT IS DUE BY START OF CLASS Today** | **HOMEWORK ASSIGNMENT** |
|  | Wed 2/22 | **EXAM 1** | Exam 1 Review  **DROP DEAD DEADLINE for all homework so far** |  |
| 7 | Mon 2/27 | SQL SELECT statement | Semester Project: Part 1 Draft ERD |  |
|  | Wed 3/1 | ERD reviews with team members |  |  |
|  | Mon 3/6 | Spring Break |  |  |
|  | Wed 3/8 | Spring Break |  |  |
| 8 | Mon 3/13 | SQL – Part 1 cont’d  WHERE clause | Part 1: Revised ERD | SQL Homework 1 |
|  | Wed 3/15 | Go over Semester Project Part 2 specifications  Create script & 1-2 tables |  | Semester Project: Part 2 |
| 9 | Mon 3/20 | Quiz Bowl for Quiz 3;  SQL Part 2 (joins) | SQL Part 1 Homework | Study for Quiz 3 |
|  | Wed 3/22 | **Take Quiz3**;  SQL Part 2 (group functions) |  |  |
| 10 | Mon 3/27 | SQL Part 2 (subqueries) | Semester Project: Part 2 | SQL Homework 2 |
|  | Wed 3/29 |  | NO CLASS: Work on SQL | (USITCC conference) |
| 11 | Mon 4/3 | Quiz Bowl for Quiz 4;  Go over Semester Part 3 | SQL Homework 2 | Study for Quiz 4 |
|  | Wed 4/5 | **Take Quiz 4**  Exam 2 Review Questions |  |  |
| 12 | Mon 4/10 | Exam 2 Review Questions Continued  Go over EXAM RULES  Semester Part 3 |  | Study for Exam2 |
|  | Wed 4/12 | **TAKE EXAM 2** | **DROP DEAD DEADLINE Exam2** |  |
| 13 | Mon 4/17 | Review Semester Project Part 4 | Semester Project Part 3 |  |
|  | Wed 4/19 | Normal Forms |  | Normal Forms Homework |
| 14 | Mon 4/24 | Normal Forms | Semester Project Part 4 |  |
|  | Wed 4/26 | Board work – students group go over NF problems | Normal Forms Homework  **FINAL TEAM CHECKUP SURVEY** |  |
| 15 | Finals Week | + Wing points |  |  |
|  |  |  |  |  |