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| Mod 1 | ***Course Schedule*** |  |
| Dates: 10/4 – 12/16, 2010 | **COM 230 – Afternoons** | Instructor: Charlie Morgan |
| Room 104, 1:00 p.m. – 5:00 p.m., MT | **Introduction to Programming** | Phone: 1-858-499-0202 |
| Lab: Even Wednesdays |  | Email: morgan1c@coleman.edu |

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| |  |  |  |  | | --- | --- | --- | --- | | **Week** | **Monday** | **Wednesday - Lab** | **Thursday** | | 1 | Data Basics  Data Design  Exercise 1: Record Design (2pts)  Read Normalization Handout | No Lab | Normalization of Database / Records  Exercise 2: Database Normalization 3 pts)  **Exercise 1 Due**  Read Chapter 4 | | 2 | Entity Modeling  Exercise 3: Entity Modeling (2 pts) | **Exercise 2 Due**  Exercise 3 | Creating ERD  Exercise 4: Create ERD (3pts)  **Exercise 3 Due**  Read Chapters 4 & 6 | | 3 | MySQL Table Design  MySQL Data Types  Exercise 5: Determine MySQL data types for fields 1 and convert ERD to tables (2 pts)  **Exercise 4 Due**  Read Chapters 3, 5 & 6 | No Lab | Introduction to MySQL Exercise 6: Queries to create databases and tables, Using insert to load data. (3 pts)  Read Chapter 3  **Exercise 5 Due** | | 4 | Exercise 7: Create DB and tables (2 points)  Read Chapter 5 (INSERT) | Ex. 6  Exercise 7  **Exercise 6 Due** | Project 1a: Load data (3 pts)  Read Chapter 5  **Exercise 7 Due**  Read Chapter 5 Select | | 5 | **QUIZ**  Read Chapter 5  Basic Queries - SELECT  Project 1b: Simple Selects (2pts)  Read Chapters 5 &7 SELECT  **Project 1a Due** | No Lab | Midterm(20 Points) Complex SELECT  Project 1c: Complex Selects (3 pts)  **Project 1b Due**  Read Chapter 5 INSERT | | 6 | Basic Queries - INSERT  Project 1d: Simple Inserts(2pts)  Read Chapter 5  Read Chapters 5 & 7 INSERT | Project 1 c and d | Basic Queries – Complex Inserts Project 1e: Complex Inserts (3 pts)  Read Chapter 7  **Project 1c Due**  **Read Chapter 5 UPDATE** | | 7 | Basic Queries – Update & Replace  Project 1f: Changing Data (2 pts)  Read Chapters 5&7 for DELETE, DROP and TRUNCATE | Basic Queries: Delete, Drop and Truncate  Project 1g: Data Elimination (3 pts)  Read Chapter 5 & 7  **Project 1d Due**  **Project 1e Due** | ***Thanksgiving Holiday*** | | 8 | Joins  Project 2: Creating Joins (5 pts)  Read Chapter 7 | **Project 1f Due**  **Project 1g Due** | Joins cont  Read Chapter 7 | | 9 | Views  Project 3: Views (5 pts)  **Project 2 Due** | No Lab | Views cont.  Read Chapter 10 | | 10 | **Backup and Recovery**  Project 4: Plan (2)  **Project 3 Due** | Quiz  Queries on the Run (3)  **Project 4 Due** | **Final (20 pts)** |   Grading structure is as outlined in the syllabus and catalog Paper Tests |