

CSD 2206 – Database Design & SQL

Course Plan

NOTICE: This course plan is provided for informational use only and the specific content and exercises may change during the term. Students should refer to the LMS calendar and drop boxes for current information.

Week	Date	Topics	Assigned Exercises
1	May 06	First Day - Introduction to course	Course Outline Quiz Program Policies Quiz
	May 08	Chapter 1 – Introduction Assign Numbers & Products Intro Term Project draw.io/diagrams.net	P01-RQ
2	May 13	Review P01-RQ Chapter 2 – ERD draw.io/diagrams.net Discuss Project 1 – Customer Invoice	P0201a Hillside Landscaping P0202a Lakeside Assembly P0203a Premium Sports Events
	May 15	Review P0201a, P0202a, & P0203a Chapter 2 – Relationships	P0201b&c Hillside Landscaping P0202b&c Lakeside Assembly P0203b&c Premium Sports Events P0204 Medical Clinic
3	May 22	Review P0201, P0202, P0203, & P0204 Review – Project 1 - Customer Invoice Chapter 3 – Recursive, Many-to-Many, & Historical Modeling	P0301 Student Tutors P0302 Nationwide P0303 Hot Tub Central P0304 Midtown Publishing P0305 High School Club P0306 South Beach Swimwear
4	May 27	Review P0301 – P0306 Lab	P0307 Jenny's Salon
	May 29	Review P0307 Project 1 review with focus on m:m relationships Everyone assigned 5-minute presentation/questions	P0308 Eagle Ridge Soccer
5	Jun 03	Review P0308 Chapter 5 – Normalization Demo Tutorial Student Grades	P0501 Nursery School Pets P0502 Eastside Sales P0503 Bluewater
	Jun 05	Review P0501, P0502, P0503 Chapter 6 – Relational Data Model & Business Rules	P0601 High School Club Relational P0604 Bluewater Relational
6	Jun 10	Chapter 7 Database Build & Constraints DDL Statements Constraints – NOT NULL, DEFAULT, PK Identity & Sequence	P0701 – Bluewater Consulting P0702 – Royal Products
	Jun 12	Review P0701 & P0702 Chapter 7 Constraints – UK, FK, CHECK	P0703 Royal Products P0704 – Best Deal Stores
7	Jun 17	Project 1 Presentation (Chapter 1 -6)	
	Jun 19	Review P0803 Project 1 Presentation (Chapter 1 -6)	P0403 Main Street Plumbing
8		Study Week	
9	Jul 03	Discuss Project 2 Chapter 8 Modify Data & Constraint Testing	P0801 Bluewater Consulting P0802 Royal Products
10	Jul 08	Test 1 – Chapters 1 - 8	P0803 Royal Products

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			P0804 Best Deal Stores
	Jul 10	Review Database Scripts Chapter 9 – SQL SELECT Statement	S09B 1-15
11	Jul 15	Review S09B Chapter 10 – WHERE & ORDER BY Clauses	S10P 1-10 S10B 1-25
	Jul 17	Review S10P & S10B Chapter 11 – Character Functions	S11BC S11PC
12	Jul 22	Review S11BC & S11PC Chapter 11 – Numeric & Date Functions	S11BN S11PN
	Jul 24	Review S11BN & S11PN Chapter 12 – Group Functions & GROUP BY	S12B Group Functions & GROUP BY
13	Jul 29	Review S12B Chapter 13 –JOINS	S13B JOINS 1-9 S13P JOINS 1-6 S13BS Self Joins 1-7
	Jul 31	Review S13B, S13P, & S13BS Chapter 14 – Subqueries	S14BS Single Row 1-8 S14BM Multiple-Row 1-5
14	Aug 07	Project 2 Presentation (Chapters 7 & 8)	
15	Aug 12	Review 14BS & S14BM Chapter 15 – Views & Indexes Project 2 Presentation (Chapters 7 & 8)	S15B – Views 1-6 12 marks
	Aug 14	Test 2 Chapters 7 – 15 Project 2 Presentation (Chapters 7 & 8)	12 marks