January 2020

Monday	Tuesday	Wednesday	Thursday	Friday
		1	2	3
6	7 **CLASS 1** Course Overview and the Relational Model Chapter 1 in Kroenke	8 **CLASS 2** SQL CREATE and MySQL Let's start with CREATE so we have tables to work with!	9	10 **CLASS 3** SQL SELECT Chapter 3 in Kroenke **CLASS 4** SQL SELECT (Joins) Chapter 2 in Kroenke Homework
13 **CLASS 5** SQL SELECT (Advanced joins)	14	15 **CLASS 6** SQL SELECT (subqueries)	16	17 **LAB 1** Queries and Joins

Monday	Tuesday	Wednesday	Thursday	Friday
20 **HOLIDAY**	21	22 **CLASS 7** SQL ALTER, INSERT, UPDATE, and DELETE	23	24 **LAB 2** Working With Tables
27 **CLASS 8** ER Model	28	29 **CLASS 9** ER Model II	30	31 **LAB 3** Entity Relationship Modeling

February 2020

Monday	Tuesday	Wednesday	Thursday	Friday

Monday	Tuesday	Wednesday	Thursday	Friday
3 **CLASS 10** SQL VIEWs	4	5 **CLASS 11** Normalization	6	7 **LAB 4** SQL Views Lab **Due Monday at 2359!**
10 **CLASS 12** Normalization Continued **EXAM 1** 6wk Exam Review and Discussion Covers all topics including normalization	11	12 **EXAM 2** 6wk Exam Covers all topics up to SQL Views	13	14 **LAB 5** Normalization Lab
17 **HOLIDAY**	18	19 **CLASS 13** PHP and MySQL **CLASS 14** SQL Injections	20	21 **LAB 6** PHP and MySQL Lets build a part of our shopping cart in the database!

Monday	Tuesday	Wednesday	Thursday	Friday
24 **PROJECT 1** Project - Kickoff Project Milestone 0 due at the end of class	25	26 **CLASS 15** PHP and Sessions	27	28 **LAB 7** PHP and Sessions

March 2020

Monday	Tuesday	Wednesday	Thursday	Friday
2 **PROJECT 2** Project - git basics Let's look at the basics of using a git repository.	3	4 **PROJECT 3** Project- git intermediate Collaborating with others using git!	5	6 **GIT BRANCH AND MERGE EXERCISE AND PROJECT TIME**

Monday	Tuesday	Wednesday	Thursday	Friday
9 **HOLIDAY**	10 **HOLIDAY**	11 **HOLIDAY**	12 **HOLIDAY**	13 **HOLIDAY**
16 **CLASS 16** SQL Stored Procedures and Triggers	17	18 **CLASS 17** Error Handling in SQL	19	20 **LAB 8** SQL Stored Procedures, Triggers, and Views
23 **CLASS 18** Transactions and Concurrency Control	24	25 **CLASS 19** DB Security and MYSQL Workbench Intro	26	27 **LAB 9** Transactions and DB Security

Monday	Tuesday	Wednesday	Thursday	Friday
30 **EXAM 3** 12wk Exam Review and Discussion AND Project Time!	31			

April 2020

Monday	Tuesday	Wednesday	Thursday	Friday
		1 **EXAM 4** 12wk Exam Covers all topics through DB Security	2	3 **PROJECT TIME**

Monday	Tuesday	Wednesday	Thursday	Friday
6 **CLASS 20** Data Storage and Indexing **Milestone 1** due today! Submit online.	7	8 **CLASS 21** Data Storage and Indexing Cont'd	9	10 **LAB 10** Indexing
13 **CLASS 22** PHP and SQLite	14	15 **PROJECT TIME**	16	17 **LAB 11** PHP and SQLite **Milestone 2** due today! Submit online.
20 **EXAM 5** Final Exam Review And Project Time!	21	22 **CAPSTONE DAY**	23	24 **EXAM 6** Final Exam Comprehensive Exam, covers all material presented throughout the course.

Monday	Tuesday	Wednesday	Thursday	Friday
27 **CLASS 23** Ethics and Data and Course Wrap-Up **Milestone 3** due today! Submit online.	28 **TERM ENDS**	29	30	

May 2020

Monday	Tuesday	Wednesday	Thursday	Friday
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Monday	Tuesday	Wednesday	Thursday	Friday
4	5	6	7 **PROJECT 4** Project Presentations All project material due (including peer evaluations, code, and screenshots of code running) to be submitted online.	8
11	12	13	14	15
18	19	20	21	22

Monday	Tuesday	Wednesday	Thursday	Friday
25	26	27	28	29