



STARK STATE COLLEGE

GENERAL SYLLABUS

Course Information

Course Name: Structured Query Language
Course Number: CPD123

Required Materials

Textbook(s): A Guide to SQL, Ninth Edition *Phil Pratt, Mary Last* (978-1-111-52727-3)
Required Readings: None
Additional Materials: This course will utilize content available from Cengage Learning. You have the option to purchase access to your materials through Cengage Unlimited—a digital subscription service designed to save you a lot of money. For information visit the bookstore or www.cengage.com.

Course Outline/Calendar

The date of coverage and order of coverage may be modified based on the faculty member and events beyond the control of faculty members that interfere with class times and teaching.

16-Week Calendar

Week	Assignments
Week 1	<u>Introductions / Installation / Ch 1 Intro to Databases</u> <ul style="list-style-type: none"> • Syllabus Quiz • Software Installation • Introduction Forum • Ch 1 pg 1-17
Week 2	<u>Database and Relational Model</u> <ul style="list-style-type: none"> • Ch 1 & 2 Review Quiz • Ch 1 & 2 Exercises • Ch 2 pg 21-53
Week 3	<u>CREATE / INSERT</u> <ul style="list-style-type: none"> • Ch 3 Review Quiz • Ch 3 Exercises • Ch 3 pg 59-87
Week 4	<u>SELECT / Aggregate Functions</u> <ul style="list-style-type: none"> • Ch 4 Review Quiz • Ch 4 Exercises • Ch 4 pg 97-126
Week 5	<u>Joins</u> <ul style="list-style-type: none"> • Ch 5 Review Quiz

Week	Assignments
	<ul style="list-style-type: none"> Ch 5 Exercises Ch 5 pg 133-160
Week 6	Midterm Exam <ul style="list-style-type: none"> Final Project Brainstorming Forum Review Study Guide
Week 7	<u>Modifications</u> <ul style="list-style-type: none"> Ch 6 Review Quiz Ch 6 pg 168-186
Week 8	<u>Modifications</u> <ul style="list-style-type: none"> Ch 6 Exercises Ch 6 pg 168-186
Week 9	Final Project ERD
Week 10	<u>Views & Indexes</u> <ul style="list-style-type: none"> Ch 7 Review Quiz Ch 7 pg 191-218
Week 11	<u>Views & Indexes</u> <ul style="list-style-type: none"> Ch 7 Exercises Ch 7 pg 191-218
Week 12	<u>Functions, Stored Procedures, Triggers</u> <ul style="list-style-type: none"> Ch 8 Review Quiz Ch 8 pg 227-259
Week 13	<u>Functions, Stored Procedures, Triggers</u> <ul style="list-style-type: none"> Ch 8 Exercises Ch 8 pg 227-259
Week 14-16	Final Project Final Exam <ul style="list-style-type: none"> Review Project Specification Guide Review Study Guide

8-Week Calendar

Week	Assignments
Week 1	<u>Introductions / Installation / Ch 1 Intro to Databases</u> <ul style="list-style-type: none"> Syllabus Quiz Software Installation Introduction Forum <u>Database and Relational Model</u> <ul style="list-style-type: none"> Ch 1 & 2 Review Quiz Ch 1 & 2 Exercises Ch 1 pg 1-17 Ch 2 pg 21-53
Week 2	<u>CREATE / INSERT</u> <ul style="list-style-type: none"> Ch 3 Review Quiz Ch 3 Exercises <u>SELECT / Aggregate Functions</u> <ul style="list-style-type: none"> Ch 4 Review Quiz Ch 4 Exercises Ch 3 pg 59-87 Ch 4 pg 97-126
Week 3	<u>Joins</u>

Week	Assignments
	<ul style="list-style-type: none"> • Ch 5 Review Quiz • Ch 5 Exercises • Midterm Exam • Final Project Brainstorming Forum • Ch 5 pg 133-160 • Review Study Guide
Week 4	<p><u>Modifications</u></p> <ul style="list-style-type: none"> • Ch 6 Review Quiz <p><u>Modifications</u></p> <ul style="list-style-type: none"> • Ch 6 Exercises • Ch 6 pg 168-186 • Ch 6 pg 168-186
Week 5	<p>Final Project ERD</p> <p><u>Views & Indexes</u></p> <ul style="list-style-type: none"> • Ch 7 Review Quiz • Ch 7 pg 191-218
Week 6	<p><u>Views & Indexes</u></p> <ul style="list-style-type: none"> • Ch 7 Exercises <p><u>Functions, Stored Procedures, Triggers</u></p> <ul style="list-style-type: none"> • Ch 8 Review Quiz • Ch 7 pg 191-218 • Ch 8 pg 227-259
Week 7	<p><u>Functions, Stored Procedures, Triggers</u></p> <ul style="list-style-type: none"> • Ch 8 Exercises <p>Final Project</p> <ul style="list-style-type: none"> • Ch 8 pg 227-259 • Review Project Specification Guide
Week 8	Final Exam