

CMSC 424-0101: Database Design Nick Roussopoulos Fall 2018
 SYLLABUS (dates are approximate)

	DATE	TOPIC	HANDOUT DATE	DUE DATE	
Mon	27-Aug-18	Intro & The Relational Model			
Wed	29-Aug-18	The Relational Model			
Mon	03-Sep-18	Relational Algebra & other languages	SQL A & B		
Wed	05-Sep-18	SQL			
Mon	10-Sep-18	SQL	Project Phase 1		
Wed	12-Sep-18	E-R Model		Q1 (Intro+Rel+SQL)	
Mon	17-Sep-18	E-R Model	SQL A		
Wed	19-Sep-18	Relational Design			
Mon	24-Sep-18	Normalization			
Wed	26-Sep-18	Normalization		Q2 (ER+FD+SQL)	
Mon	01-Oct-18	Storage Files/Indexing			
Wed	03-Oct-18	Storage Files/Indexing	SQL B		
Mon	08-Oct-18	Indexing/Hashing/Buffering			
Wed	10-Oct-18	Indexing/Hashing/Buffering	Project Phase 2	Project Phase 1	
Mon	15-Oct-18	Query Processing		Q3 (Storage+Indexing)	
Wed	17-Oct-18	Query Processing			
Mon	22-Oct-18	Query Optimization			
Wed	24-Oct-18	Query Optimization			
Mon	29-Oct-18	Query Optimization			
Wed	31-Oct-18	Query Optimization			
Mon	05-Nov-18	Transactions		Q4 (QueryProcessing)	
Wed	07-Nov-18	Transactions			
Mon	12-Nov-18	Transactions	Project Phase 3	Project Phase 2	
Wed	14-Nov-18	Transactions/Recovery			
Mon	19-Nov-18	Transactions/Recovery			
Wed	21-Nov-18	Catchup Material			
Mon	26-Nov-18	Object Relational		Q5 (QueryOptimization+Trans)	
Wed	28-Nov-18	Database Architecturs/Parallel DB			
Mon	03-Dec-18	Misc Topics			
Wed	05-Dec-18	Misc Topics			
Mon	10-Dec-18	LAST DAY OF CLASSES (Project ending and Demo setup & Review)			
Tue	11-Dec-18	PROJECT DEMO DAY	Project Phase 3		
Fri	14-Dec-18	FINAL EXAM 1:30-3:30pm		FINAL EXAM 1:30-3:30pm	

Grade Distribution	
Quizzes 5x6 each	30%
SQL A & B	10%
Project	30%
Final	30%