

Class Schedule for CS 3810

Semester: Fall 2018

Section: Tuesday & Thursday – 2:00 PM to 3:50 PM

Week #	Week Of	Date	Day	Topic to be Covered	Reading Assignment	Mapping to Detailed Outline of Course Contents
1	08/20/18	08/21/18	Tuesday	Introduction, Overview of Databases	1	I
		08/23/18	Thursday	Database Concepts	1	I
2	08/27/18	08/28/18	Tuesday	Data Models	2	II
		08/30/18	Thursday	Data Models	2	II
3	09/03/18	09/04/18	Tuesday	Data Models	2	II
		09/06/18	Thursday	Relational Model and Relational Algebra	3	II
4	09/10/18	09/11/18	Tuesday	Relational Model and Relational Algebra	3	II
		09/13/18	Thursday	Entity-Relationship Model	4	VI
5	09/17/18	09/18/18	Tuesday	ER-to-Relational Mapping		VI
		09/20/18	Thursday	Constraints and Triggers	5	IV
6	09/24/18	09/25/18	Tuesday	Test # 1		
		09/27/18	Thursday	Constraints and Triggers	5	IV
7	10/01/18	10/02/18	Tuesday	Functional Dependencies, Multi-Valued Dependencies	6	V
		10/04/18	Thursday	Database Normalization	6	V
8	10/08/18	10/09/18	Tuesday	SQL	7	III
		10/11/18	Thursday	SQL	7	III
9	10/15/18	10/16/18	Tuesday	SQL in Server Environment	8	VIII
		10/18/18	Thursday	SQL in Server Environment	8	VIII
10	10/22/18	10/23/18	Tuesday	SQL/Host Language Interface (Java?)		VIII
		10/25/18	Thursday	Concurrency Control and Transaction Management	10	IX
11	10/29/18	10/30/18	Tuesday	Concurrency Control and Transaction Management	10	IX
		11/01/18	Thursday	Concurrency Control and Transaction Management	10	IX
12	11/05/18	11/06/18	Tuesday	Test # 2		
		11/08/18	Thursday	Introduction to Query Execution and Query Optimization	11	X

13	11/12/18	11/13/18	Tuesday	Introduction to Query Execution and Query Optimization	11	X
		11/15/18	Thursday	Non-Relational Databases (NoSQL, Object Oriented)		
14	11/19/18	11/20/18	Tuesday	Fall Break – No Classes		
		11/22/18	Thursday			
15	11/26/18	11/27/18	Tuesday	Non-Relational Databases (NoSQL, Object Oriented)		VII, XI
		11/29/18	Thursday	Non-Relational Databases (NoSQL, Object Oriented)		VII, XI
16	12/03/18	12/04/18	Tuesday	Class Presentation		
		12/06/18	Thursday	Class Presentation		
17	12/10/18	12/11/18	Tuesday	Final Exam		
		12/13/18	Thursday			
Important Dates		08/26/18	Sunday	Last day to drop with 100% refund.		
		09/05/18	Wednesday	Last day to drop with 50% refund.		
		11/02/18	Friday	Last day to withdraw		