

BUDT 703 Database Management Systems
Fall 2021 Sections 0506,0507 – Tentative Course Schedule

Date	Topic	Reading	Due
Week 1:	Aug. 29		
Mon (8/30)	Syllabus and Course Overview	ELMS	
Wed (9/1)	Database Environment	Ch. 1	
Week 2:	Sep. 5		
Wed (9/8)	ER Model and Business Rules	Ch. 2	
Week 3:	Sep. 12		HW 1 Post: Mon. Sep. 13
Mon (9/13)	UML and Tools - Act 1		
Wed (9/15)	ER Model and Business Rules	Ch. 2	
Week 4:	Sep. 19		HW 1 Due: Mon. Sep. 20 @11:59pm
Mon (9/20)	Logical Database Design - Act 2	Ch. 4	HW 2 Post: Wed. Sep. 22
Wed (9/22)	Logical Database Design	Ch. 4	
Week 5:	Sep. 26		HW 2 Due: Wed. Sep. 29 @11:59pm
Mon (9/27)	Logical Database Design - Act 3	Ch. 4	
Wed (9/29)	Physical Database Design	Ch. 5	
Week 6:	Oct. 3		HW 3 Post: Mon. Oct. 4
Mon (10/4)	SQL Server and Client - Act 4		
Wed (10/6)	Introduction to SQL	Ch. 6	
Week 7:	Oct. 10		HW 3 Due: Mon. Oct. 11 @11:59pm
Mon (10/11)	Introduction to SQL - Act 5	Ch. 6	HW 4 Post: Wed. Oct. 13
Wed (10/13)	Introduction to SQL	Ch. 6	
Week 8:	Oct. 17		HW 4 Due: Wed. Oct. 20 @11:59pm
Mon (10/18)	Advanced SQL - Act 6	Ch. 7	
Wed (10/20)	Advanced SQL	Ch. 7	
Week 9:	Oct. 24		Project Post: Mon. Oct. 25
Mon (10/25)	Project Guidelines - Act 7		Group: Tue. Oct. 26 @ 11:59pm
Wed (10/27)	Advanced SQL	Ch. 7	
Week 10:	Oct. 31		Design: Tue. Nov. 2 @ 11:59pm
Mon (11/1)	Visualization - Act 8		
Wed (11/3)	Visualization		
Week 11:	Nov. 7		Proposal: Tue. Nov. 8 @ 11:59pm
Mon (11/8)	Data Warehousing - Act 9	Ch. 9	
Wed (11/10)	Big Data and Analytics	Ch. 11	
Week 12:	Nov. 14		HW 5 Post: Mon. Nov. 15
Mon (11/15)	Tableau: Data & Database - Act 10		DDL: Tue. Nov. 16 @ 11:59pm
Wed (11/17)	Tableau: Report		
Week 13:	Nov. 21		HW 5 Due: Mon. Nov. 22 @11:59pm
Mon (11/22)	Tableau: Dashboard - Act 11		DML: Tue. Nov. 23 @ 11:59pm
Week 14:	Nov. 28		Slides: Thu. Dec. 2 @ 11:59pm
Mon (11/29)	Advanced Databases - Act 12		
Wed (12/1)	Advanced Databases		
Week 15:	Dec. 5		Suites: Thu. Dec. 9 @ 11:59pm
Mon (12/6)	Student Project Presentations (1/2)		
Wed (12/8)	Student Project Presentations (2/2)		
Week 16:	Dec. 12		
Mon (12/13)	Review		
TBD	Final Exam		