Date	Weekday	Lecture/Lab	Topic	Assignment out	Assignment due	Reading	Notes
8/27/2018	Monday	Lecture	Introduction	project selection			
8/28/2018	Tuesday	Lab	Intro to this semester's projects				
8/29/2018	Wednesday	Lecture	The Space Mission Engineering Process			SMAD ch 1-3	
8/30/2018	Thursday	Lab	Intro to STK				
8/31/2018	Friday	Lecture	The Space Mission Engineering Process		project selection	SMAD ch 4-5	
9/3/2018	Monday	Lecture	Requirements Engineering			SMAD ch6	
9/4/2018	Tuesday	Lab	Requirements lab	SRR			
9/5/2018	Wednesday	Lecture	Space Environment			SMAD ch7	
9/6/2018	Thursday	Lab	Space environment exercises				
9/7/2018	Friday	Lecture	Review of basic astrodynamics			SMAD ch8-ch9	
9/10/2018	Monday	Lecture	Orbit design			SMAD ch9-10	
9/11/2018	Tuesday	**Lecture**	Constellation design			SMAD ch9-10	
9/12/2018	Wednesday	Lecture	[Career fair - no class]				
9/13/2018	Thursday	Lab	[Career fair - no class]				
9/14/2018	Friday	**Lab**	STK Exercise 1			STK user manual	Garcia Buzzi
9/17/2018	Monday	Lecture	ADCS, GN&C subsystems			SMAD ch 19	
9/18/2018	Tuesday	Lab	Pointing budget exercise				
9/19/2018	Wednesday	Lecture	Propulsion			SMAD ch 18	
9/20/2018	Thursday	Lab	Delta V budget and sizing exercise				
9/21/2018	Friday	Lecture	Overview of payloads and comms			SMAD ch 15	
9/24/2018	Monday	Lecture	Communications I			SMAD ch 16	
9/25/2018	Tuesday	Lab	Comms exercises				
9/26/2018	Wednesday	Lecture	Communications II			SMAD ch 21.x	
9/27/2018	Thursday	Lab	STK Exercise 2				
9/28/2018	Friday	Lecture	Microwave remote sensing			SMAD ch 17	
10/1/2018	Monday	Lecture	Microwave payloads			SMAD ch 17	
10/2/2018	Tuesday	Lab	Payload exercises	Take home quiz 1			
10/3/2018	Wednesday	Lecture	Optical remote sensing			SMAD ch 17	
10/4/2018	Thursday	Lab	STK Exercise 3				
10/5/2018	Friday	Lecture	Optical payloads				
10/8/2018	Monday	Lecture	Power			SMAD ch 21.2	
10/9/2018	Tuesday	Lab	Payload exercises	Take home quiz 2	Take home quiz 1		
10/10/2018	Wednesday	Lecture	Thermal			SMAD ch 22.2	
10/11/2018	Thursday	Lab	Power and thermal exercises				
10/12/2018	Friday	Lecture	Structures				
10/15/2018	Monday	Lecture	Avionics			SMAD ch 20	
10/16/2018	Tuesday	Lab	Structures and avionics exercises		Take home quiz 2		
10/17/2018	Wednesday	Lecture	ECLSS			SMAD ch 22.1 and 14.3	
10/18/2018	Thursday	Lab	ECLSS exercise				
10/19/2018	Friday	Lecture	Ground segment			SMAD ch 26,27, 28, 29	
10/22/2018	Monday	Lecture	Launch vehicles			SMAD ch 26,27, 28, 29	
10/23/2018	Tuesday	Lab	Launch vehicle user guides		SRR		
10/24/2018	Wednesday	Lecture	Cost modeling			SMAD ch 11	
10/25/2018	Thursday	Lab	Cost exercises				
10/26/2018	Friday	Lecture	Risk and reliability	SDR		SMAD ch 24	
10/29/2018	Monday	Lecture	Humans in space				Diaz Artiles
10/30/2018	Tuesday	Lab	Risk exercises				Santini
10/31/2018	Wednesday	Lecture	Tradespace exploration				Garcia Buzzi
11/1/2018	Thursday	Lab	Tradespace exploration exercise I				
11/2/2018	Friday	Lecture	Cubesats and smallsats			SMAD ch 25.3, 25.4	
11/5/2018	Monday	Lecture	Space Policy			SMAD ch 2, 12	
11/6/2018	Tuesday	Lab	Tradespace exploration exercise II				
11/7/2018	Wednesday	Lecture	SDR presentations		SDR		
11/8/2018	Thursday	Lab	SDR presentations				
11/9/2018	Friday	Lecture	SDR presentations				
11/12/2018	Monday	Lecture	Entry Descent and Landing			Griffin and French,	Santini
11/13/2018	Tuesday	Lab	SDR Feedback				
11/14/2018	Wednesday	Lecture	Earth Science Missions				
11/15/2018	Thursday	Lab	SDR Feedback				
11/16/2018	Friday	Lecture	Astrophysics missions				
11/19/2018	Monday	Lecture	Planetary Science missions				
11/20/2018	Tuesday	Lab	Project Q&A	PDR			
11/21/2018	Wednesday	Lecture	[Reading Day - no class]				
11/22/2018	Thursday	Lab	Thanksgiving holiday				
11/23/2018	Friday	Lecture	Thanksgiving holiday				

11/26/2018	Monday	Lecture	Navigation missions				
11/27/2018	Tuesday	Lab	Project Q&A				
11/28/2018	Wednesday	Lecture	Human exploration missions				
11/29/2018	Thursday	Lab	Project Q&A				
11/30/2018	Friday	Lecture	Space weather missions				
12/3/2018	Monday	Lecture	PDR presentations		PDR		
12/4/2018	Tuesday	Lab	PDR presentations				
12/5/2018	Wednesday	Lecture	PDR presentations				