

Fall 2018
Aerospace Engineering
Course Schedule

8.10.18 MP

SBJCT	CRSE #	SEC #	COURSE TITLE	UNITS	DAY(S)	START TIME	END TIME	BLDG	ROOM	INSTRCTR NM
GEEN	1400		Fr Engineering Projects	3						Mah
	1400		Fr Engineering Projects							Mah
ASEN	1400	001	Gateway to Space	3	TTH	9:30 AM	10:45 AM	ITLL	1B50	Koehler
ASEN	2001	010	Aerospace 1: Introduction to Statics, Structures, and Materials	4	TTH	2:00 PM	3:15 PM	MATH	100	Doostan/Wingate
		011	Aerospace 1: Introduction to Statics, Structures, and Materials		M	8:00 AM	9:50 AM	ITLL	2B10	Schwartz
		012	Aerospace 1: Introduction to Statics, Structures, and Materials		M	10:00 AM	11:50 AM	ITLL	2B10	Schwartz
		013	Aerospace 1: Introduction to Statics, Structures, and Materials		M	1:00 PM	2:50 PM	ITLL	2B10	Schwartz
		014	Aerospace 1: Introduction to Statics, Structures, and Materials		M	3:00 PM	4:50 PM	ITLL	2B10	Schwartz
ASEN	2002	010	Aerospace 2: Introduction to Thermodynamics and Aerodynamics	4	TTH	8:00 AM	9:15 AM	MATH	100	Jackson/Mah
		011	Aerospace 2: Introduction to Thermodynamics and Aerodynamics		W	8:00 AM	9:50 AM	ITLL	2B10	Hodgkinson
		012	Aerospace 2: Introduction to Thermodynamics and Aerodynamics		W	10:00 AM	11:50 AM	ITLL	2B10	Hodgkinson
		013	Aerospace 2: Introduction to Thermodynamics and Aerodynamics		W	1:00 PM	2:50 PM	ITLL	2B10	Hodgkinson
		014	Aerospace 2: Introduction to Thermodynamics and Aerodynamics		W	3:00 PM	4:50 PM	ITLL	2B10	Hodgkinson
ASEN	2012	001	Experimental and Computational Methods in AES	2	MW	8:00 AM	8:50 AM	MATH	100	Anderson
ASEN	2012	002	Experimental and Computational Methods in AES	2	MW	2:00 PM	2:50 PM	FLMG	155	Clark
ASEN	3046	001	Introduction to Humans in Aviation	3	M	5:00 PM	7:50 PM	ECCR	1B40	Scott
ASEN	3111	100	Aerodynamics	4	TTH	11:00 AM	12:15 PM	ECCR	1B40	Jansen
ASEN	3111	200	Aerodynamics	4	TTH	5:00 PM	6:15 PM	ECCR	1B40	Jansen
		301	Aerodynamics		F	8:00 AM	9:50 AM	ITLL	2B10	Mah
		302	Aerodynamics		F	10:00 AM	11:50 AM	ITLL	2B10	Mah
		303	Aerodynamics		F	1:00 PM	2:50 PM	ITLL	2B10	Mah
ASEN	3112	020	Structures	4	TTH	8:00 AM	9:15 AM	GOLD	A2B70	Maute / Lopez Jimenez
		011	Structures		M	8:00 AM	9:50 AM	ITLL	1B50	Maute / Lopez Jimenez
		012	Structures		M	3:00 PM	4:50 PM	ITLL	1B50	Maute / Lopez Jimenez
		013	Structures		F	3:00 PM	4:50 PM	ITLL	1B50	Maute / Lopez Jimenez
		014	Structures		M	5:00 PM	6:50 PM	ITLL	1B50	Maute / Lopez Jimenez
ASEN	3113	020	Thermodynamics and Heat Transfer	4	TTH	3:30 PM	4:45 PM	MATH	100	Li
		011	Thermodynamics and Heat Transfer		T	1:00 PM	2:50 PM	ITLL	2B10	Schwartz
		012	Thermodynamics and Heat Transfer		TH	1:00 PM	2:50 PM	ITLL	2B10	Schwartz
		013	Thermodynamics and Heat Transfer		F	3:00 PM	4:50 PM	ITLL	2B10	Schwartz
ASEN	4013	001	Foundations of Propulsion	3	MWF	11:00 AM	11:50 AM	FLMG	155	Nabity
ASEN	4018	010	Senior Projects 1: Design Synthesis	4	MW	4:00 PM	4:50 PM	MATH	100	Jackson
		011	Senior Projects 1: Design Synthesis		TTH	3:30 PM	5:20 PM	FLMG	155	Jackson
ASEN	4114	010	Automatic Control Systems*	3	MW	10:00 AM	10:50 AM	FLMG	154	Lawrence
		011	Automatic Control Systems*		F	3:00 PM	4:50 PM	ITLL	1B10	Lawrence
ASEN	4138	010	Aircraft Design	3	MW	9:00 AM	9:50 AM	ECCS	1B12	Gerren

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		011	Aircraft Design		T	11:00 AM	12:50 PM	ITLL	2B10	Gerren
		012	Aircraft Design		TH	11:00 AM	12:50 PM	ITLL	2B10	Gerren
		013	Aircraft Design		T	9:00 AM	10:50 AM	ITLL	2B10	Gerren
ASEN	4519	001	Special Topics: Space Environment and Effects	3	MWF	9:00 AM	9:50 AM	MUEN	E0046	Marshall
ASEN	4519	010	Selected Topics: Microavionics*	3	MF	2:00 PM	2:50 PM	ITLL	1B50	Schwartz
		011	Selected Topics: Microavionics*		TH	9:00 AM	10:50 AM	ITLL	2B10	Schwartz

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SBJCT	CRSE #	SEC #	COURSE TITLE	UNITS	DAY(S)	START TIME	END TIME	BLDG	ROOM	INSTRCTR NM
ASEN	5007	001	Introduction to Finite Elements	3	TTH	9:30 AM	10:45 AM	ECCR	105	Felippa
		001B	Introduction to Finite Elements	3	-		DISTANCE	SECTION		Felippa
ASEN	5012	001	Mechanics of Aerospace Structures*	3	MWF	12:00 PM	12:50 PM	RAMY	N1B23	Maute
ASEN	5014	001	Linear Control Systems*	3	MWF	1:00 PM	1:50 PM	ECCR	135	Humbert
ASEN	5018	010	Graduate Projects I*	3	T	5:00 PM	5:50 PM	ECCR	200	Hieb
		011	Graduate Projects I* : Xhab Inflatable Airlock Project		TTH	11:00 AM	12:50 PM	SEE	NOTES	Voss
		013	Graduate Projects I* : COSMO Cubesat		MW	1:00 PM	2:50 PM	SEE	NOTES	Marshall
		014	Graduate Projects I* : SmallSat Instrument Design / RAPS		TTH	1:00 PM	2:50 PM	SEE	NOTES	
		015	Graduate Projects I* : Cubesats		WF	1:00 PM	2:50 PM	SEE	NOTES	Pilinski
		016	Graduate Projects I* : Spacecraft MLI project		MW	9:00 AM	10:50 AM	SEE	NOTES	Nabity
		018	Graduate Projects I* : Asteroid Soft Bots		TTH	3:00 PM	4:50 PM	SEE	NOTES	Wingate
		020	Graduate Projects I* : Autonomous Cluster Navigation		TTH	9:00 AM	10:50 AM	SEE	NOTES	Kubitschek
ASEN	5044	001	Statistical Estimation for Dynamical Systems	3	TTH	11:00 AM	12:15 PM	ECCS	1B12	Ahmed
		001B	Statistical Estimation for Dynamical Systems	3	-		DISTANCE	SECTION		Ahmed
ASEN	5050	001	Space Flight Dynamics	3	TTH	2:00 PM	3:15 PM	ECCS	1B12	Bosanac
		001B	Space Flight Dynamics	3	-		DISTANCE	SECTION		Bosanac
ASEN	5051	001	Fluid Mechanics	3	TTH	12:30 PM	1:45 PM	ECCR	105	Evans
		001B	Fluid Mechanics	3	-		DISTANCE	SECTION		Evans
ASEN	5063	001	Aircraft Propulsion	3	TTH	3:30 PM	4:45 PM	ECCS	1B28	Kantha
		001B	Aircraft Propulsion	3	-		DISTANCE	SECTION		Kantha
ASEN	5090	001	Introduction to Global Navigation Satellite Systems	3	TTH	12:30 PM	1:45 PM	ECCS	1B28	Axelrad
		001B	Introduction to Global Navigation Satellite Systems	3	-		DISTANCE	SECTION		Axelrad
ASEN	5114	010	Automatic Control Systems*	3	MW	10:00 AM	10:50 AM	FLMG	154	Lawrence
		011	Automatic Control Systems*	3	F	3:00 PM	4:50 PM	ITLL	1B10	Lawrence
ASEN	5158	001	Space Habitat Design	3	TTH	3:30 PM	4:45 PM	ECCR	105	Klaus
		001B	Space Habitat Design	3	-		DISTANCE	SECTION		Klaus
ASEN	5210	001	Remote Sensing Seminar*	1	F	3:00 PM	3:50 PM	ECCR	150	Morton
ASEN	5227	001	Mathematics for Aerospace Engineering Sciences 1	3	TTH	11:00 AM	12:15 PM	ECCS	1B28	Jackson
		001B	Mathematics for Aerospace Engineering Sciences 1	3	-		DISTANCE	SECTION		Jackson
ASEN	5307	001	Engineering Data Analysis Methods	3	TTH	8:00 AM	9:15 AM	ECCR	105	Nerem
		001B	Engineering Data Analysis Methods	3	-		DISTANCE	SECTION		Nerem
ASEN	5519	002	Selected Topics: Analytical Astrodynamics	3	TTH	2:00 PM	3:15 PM	ECCR	105	Scheeres
		002B	Selected Topics: Analytical Astrodynamics	3	-		DISTANCE	SECTION		Scheeres
ASEN	5519	003	Selected Topics: Intro to Phononics	3	TTH	5:00 PM	6:15 PM	ECCR	1B08	Hussein
ASEN	5519	006	Selected Topics: Experimental Design and Statistical Analysis	3	TTH	2:00 PM	3:15 PM	ECCR	1B51	Clark /Anderson
ASEN	5519	006B	Selected Topics: Experimental Design and Statistical Analysis	3	-		DISTANCE	SECTION		Clark /Anderson

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ASEN	5519	007	Selected Topics: Commercial Spaceflight Operations		TTH	3:30 PM	4:45 PM	EDUC	346	Cheetham
		007B	Selected Topics: Commercial Spaceflight Operations		-		DISTANCE	SECTION		Cheetham
ASEN	5519	010	Selected Topics: Microavionics*	3	MF	2:00 PM	2:50 PM	ITLL	1B50	Schwartz
		011	Selected Topics: Microavionics*	3	TH	9:00 AM	10:50 AM	ITLL	2B10	Schwartz
ASEN	6010	001	Advanced Spacecraft Dynamics and Control	3	TTH	8:00 AM	9:15 AM	ECCR	150	Schaub
		001B	Advanced Spacecraft Dynamics and Control	3	-		DISTANCE	SECTION		Schaub
ASEN	6028	010	Graduate Projects II*	3	T	5:00 PM	5:50 PM	ECCR	200	Hieb
		011	Graduate Projects II* : Xhab Inflatable Airlock Project		TTH	11:00 AM	12:50 PM	SEE	NOTES	Voss
		013	Graduate Projects II* : COSMO Cubesat		MW	1:00 PM	2:50 PM	SEE	NOTES	Marshall
		014	Graduate Projects II* : SmallSat Instrument Design / RAPS		TTH	1:00 PM	2:50 PM	SEE	NOTES	
		015	Graduate Projects II* : Cubesats		WF	1:00 PM	2:50 PM	SEE	NOTES	Pilinski
		016	Graduate Projects II* : Spacecraft MLI project		MW	9:00 AM	10:50 AM	SEE	NOTES	Nabity
		018	Graduate Projects II* : Asteroid Soft Bots		TTH	3:00 PM	4:50 PM	SEE	NOTES	Wingate
		020	Graduate Projects II* : Autonomous Cluster Navigation		MW	9:00 AM	10:50 AM	SEE	NOTES	Kubitschek
ASEN	6050	001	Space Instrumentation	3	MWF	11:00 AM	11:50 AM	ECCR	139	Sternovsky
ASEN	6367	001	Advanced Finite Element Methods for Plates, Shells, and Solids	3	TTH	3:30 PM	4:45 PM	ECCR	150	Felippa
ASEN	6519	001	Special Topics: Data Assimilation and Inverse Methods for Earth and Geospace Observation	3	TTH	12:30 PM	1:45 PM	ECCR	150	Matsuo
		001B	Special Topics: Data Assimilation and Inverse Methods for Earth and Geospace Observation	3	-		DISTANCE	SECTION		Matsuo
ASEN	6519	002	Special Topics: Experimental Fluid Mechanics	3	TTH	2:00 PM	3:15 PM	DUAN	G2B21	Farnsworth
ASEN	6519	003	Special Topics: Mathematical Foundations of Finite Element Analysis	3	TTH	11:00 AM	12:15 PM	KCEN	N252	Evans
ASEN	6519	004	Special Topics: Aerospace Vehicle Guidance and Control	3	MW	3:00 PM	4:15 PM	ECCR	150	Mc Mahon
		004B	Special Topics: Aerospace Vehicle Guidance and Control	3	-		DISTANCE	SECTION		Mc Mahon
ASEN	6519	005	Special Topics: Small UAS Guidance and Control	3	TTH	3:30 PM	4:45 PM	HUMN	125	Frew