

**Aerospace ASEN Course Schedule
Spring 2021**

12/2/2020

CRSE	NUM	SECT	COURSE TITLE	CDTS	DAY(S)	START	END	MODE	LOC	FACULTY NM	FACULTY NM2
ASEN	1022	001	Materials Science for Aerospace Engineers	3	MWF	8:00 AM	8:50 PM	Remote/Online	-	Wingate/Jackson	
ASEN	1320	100	Aerospace Computing	4	MWF	9:10 AM	10:00 AM	Remote/Online	-	Rainville	
		101	Aerospace Computing (Recitation)		T	11:30 AM	12:20 PM	Remote	-	TBD	Rainville
		102	Aerospace Computing (Recitation)		T	12:40 PM	1:30 PM	Remote	-	TBD	Rainville
		103	Aerospace Computing (Recitation)		W	10:20 AM	11:10 AM	Remote	-	TBD	Rainville
		104	Aerospace Computing (Recitation)		TH	11:30 AM	12:20 PM	Remote	-	TBD	Rainville
		105	Aerospace Computing (Recitation)		TH	12:40 PM	1:30 PM	Remote	-	TBD	Rainville
		106	Aerospace Computing (Recitation)		W	5:05 PM	5:55 PM	Hybrid	AERO 141	TBD	Rainville
ASEN	1400	001	Gateway to Space*	3	MW	3:00 PM	4:15 PM	Hybrid	AERO N100	Rhode	
ASEN	1969	001	Pathway to Space	3	TTH	3:55 PM	5:10 PM	Remote	-	Koehler	
ASEN	2003	010	Aerospace 3: Introduction to Dynamics and Systems	4	MW	3:30 PM	4:45 PM	Remote/Online	-	Sternovsky/Axelrad	
		011	Aerospace 3: Introduction to Dynamics and Systems		TTH	12:50 PM	2:40 PM	Hybrid	AERO 141	Hodgkinson	
		012	Aerospace 3: Introduction to Dynamics and Systems		TTH	3:00 PM	4:50 PM	Hybrid	AERO 141	Hodgkinson	
		013	Aerospace 3: Introduction to Dynamics and Systems		TTH	5:10 PM	7:00 PM	Hybrid	AERO 141	Hodgkinson	
		014	Aerospace 3: Introduction to Dynamics and Systems		TTH	12:50 PM	2:40 PM	Hybrid	AERO 120	Hodgkinson	
		015	Aerospace 3: Introduction to Dynamics and Systems		TTH	3:00 PM	4:50 PM	Hybrid	AERO 111	Hodgkinson	
		016	Aerospace 3: Introduction to Dynamics and Systems		TTH	5:10 PM	7:00 PM	Hybrid	AERO 120	Hodgkinson	
		017	Aerospace 3: Introduction to Dynamics and Systems		TTH	12:50 PM	2:40 PM	Hybrid	AERO N100	Hodgkinson	
		018	Aerospace 3: Introduction to Dynamics and Systems		TTH	3:00 PM	4:50 PM	Hybrid	AERO N100	Hodgkinson	
		019	Aerospace 3: Introduction to Dynamics and Systems		TTH	5:10 PM	7:00 PM	Hybrid	AERO N100	Hodgkinson	
		022	Aerospace 3: Introduction to Dynamics and Systems		TTH	12:50 PM	2:40 PM	Hybrid	AERO 111	Hodgkinson	
		023	Aerospace 3: Introduction to Dynamics and Systems		TTH	3:00 PM	4:50 PM	Hybrid	AERO N250	Hodgkinson	
		024	Aerospace 3: Introduction to Dynamics and Systems		TTH	5:10 PM	7:00 PM	Hybrid	AERO 114	Hodgkinson	
ASEN	2004	010	Aerospace 4: Aerospace Vehicle Design and Performance	4	TTH	8:30 AM	9:45 AM	Remote/Online	-	Mah/Johnson	
		011	Aerospace 4: Aerospace Vehicle Design and Performance		MW	8:30 AM	10:20 AM	Remote	-	Mah/Johnson	
		012	Aerospace 4: Aerospace Vehicle Design and Performance		MW	10:40 AM	12:30 PM	Remote	-	Mah/Johnson	
		013	Aerospace 4: Aerospace Vehicle Design and Performance		MW	12:50 PM	2:40 PM	Remote	-	Mah/Johnson	
ASEN	3036	001	Introduction to Human Spaceflight	3	TTH	2:50 PM	4:05 PM	In-person	AERO 120	Voss	
ASEN	3046	001	Introduction to Humans in Aviation	3	F	5:00 PM	7:50 PM	Remote	-	Scott	
ASEN	3111	010	Aerodynamics	4	TTH	11:40 AM	12:55 PM	Remote/Online	-	Evans	
		011	Aerodynamics (Lab)		M	3:00 PM	4:50 PM	Hybrid	AERO 141	Farnsworth	
		012	Aerodynamics (Lab)		F	8:30 AM	10:20 AM	Hybrid	AERO N100	Farnsworth	
		013	Aerodynamics (Lab)		M	3:00 PM	4:50 PM	Hybrid	AERO 111	Farnsworth	
		014	Aerodynamics (Lab)		F	8:30 AM	10:20 AM	Hybrid	AERO 120	Farnsworth	
ASEN	3112	010	Structures	4	MW	12:50 PM	2:05 PM	Remote/Online	-	Hussein/	
		012	Structures (Lab)		W	3:00 PM	4:50 PM	Hybrid	AERO 141	Hussein/	

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		013	Structures (Lab)		W	8:30 AM	10:20 AM	Hybrid	AERO 141	Hussein/	
		014	Structures (Lab)		W	3:00 PM	4:50 PM	Hybrid	AERO 120	Hussein/	
ASEN	3113	010	Thermodynamics and Heat Transfer	4	MW	11:15 AM	12:30 PM	Remote/Online	-	Jackson	
		011	Thermodynamics and Heat Transfer (Lab)		F	8:30 AM	10:20 AM	Hybrid	AERO 141	Jackson	
		012	Thermodynamics and Heat Transfer (Lab)		F	10:40 AM	12:30 PM	Hybrid	AERO 141	Jackson	
		014	Thermodynamics and Heat Transfer (Lab)		F	10:40 AM	12:30 PM	Hybrid	AERO 111	Jackson	
ASEN	3128	010	Aircraft Dynamics	4	TTH	1:15 PM	2:30 PM	Remote/Online	-	Ahmed/	
		011	Aircraft Dynamics (Lab)		F	10:40 AM	12:30 PM	Hybrid	AERO N100	Ahmed/	
		012	Aircraft Dynamics (Lab)		F	1:40 PM	3:30 PM	Hybrid	AERO N100	Ahmed/	
		013	Aircraft Dynamics (Lab)		F	10:40 AM	12:30 PM	Hybrid	AERO 120	Ahmed/	
		014	Aircraft Dynamics (Lab)		F	1:40 PM	3:30 PM	Hybrid	AERO 120	Ahmed/	
ASEN	3200	010	Orbital Mechanics/Attitude Dynamics and Control	4	MW	9:40 AM	10:55 AM	Remote/Online	-	Scheeres/McMahon	
		011	Orbital Mechanics/Attitude Dynamics and Control (Lab)		TH	8:30 AM	10:20 AM	Hybrid	AERO N100	Scheeres/McMahon	
		012	Orbital Mechanics/Attitude Dynamics and Control (Lab)		F	1:40 PM	3:30 PM	Hybrid	AERO 141	Scheeres/McMahon	
		013	Orbital Mechanics/Attitude Dynamics and Control (Lab)		TH	8:30 AM	10:20 AM	Hybrid	AERO 141	Scheeres/McMahon	
		014	Orbital Mechanics/Attitude Dynamics and Control (Lab)		F	1:40 PM	3:30 PM	Hybrid	AERO 111	Scheeres/McMahon	
ASEN	3300	010	Aerospace Electronics and Communications	4	MW	8:30 AM	9:20 AM	Remote/Online	-	Morton/Chu	
		011	Aerospace Electronics and Communications (Lab)		TTH	8:30 AM	10:20 AM	Hybrid	AERO 120	Morton/Chu	
		012	Aerospace Electronics and Communications (Lab)		TTH	10:40 AM	12:30 PM	Hybrid	AERO 141	Morton/Chu	
		014	Aerospace Electronics and Communications (Lab)		TTH	10:40 AM	12:30 PM	Hybrid	AERO 120	Morton/Chu	
		015	Aerospace Electronics and Communications (Lab)		TTH	8:30 AM	10:20 AM	Hybrid	AERON250	Morton/Chu	
ASEN	4013	001	Foundations of Propulsion	3	TTH	4:25 PM	5:40 PM	Remote/Online	-	Kantha	
ASEN	4028	010	Senior Projects 2: Design Practicum	4	MW	5:10 PM	6:00 PM	Remote	-	Jackson	
		201	Senior Projects 1: Design Synthesis (Lab)		TTH	10:40 AM	12:30 PM	Hybrid	See Dept	Sunberg	Jackson
		202	Senior Projects 1: Design Synthesis (Lab)		TTH	10:40 AM	12:30 PM	Hybrid	See Dept	Gerren	Jackson
		203	Senior Projects 1: Design Synthesis (Lab)		TTH	10:40 AM	12:30 PM	Hybrid	See Dept	Anderson	Jackson
		204	Senior Projects 1: Design Synthesis (Lab)		TTH	10:40 AM	12:30 PM	Hybrid	See Dept	Rhode	Jackson
		205	Senior Projects 1: Design Synthesis (Lab)		TTH	10:40 AM	12:30 PM	Hybrid	See Dept	Lopez Jimenez	Jackson
		206	Senior Projects 1: Design Synthesis (Lab)		TTH	10:40 AM	12:30 PM	Hybrid	See Dept	Lopez Jimenez	Jackson
		207	Senior Projects 1: Design Synthesis (Lab)		TTH	10:40 AM	12:30 PM	Hybrid	See Dept	Sunberg	Jackson
		208	Senior Projects 1: Design Synthesis (Lab)		TTH	10:40 AM	12:30 PM	Hybrid	See Dept	Gerren	Jackson
		209	Senior Projects 1: Design Synthesis (Lab)		TTH	10:40 AM	12:30 PM	Hybrid	See Dept	Anderson	Jackson
		301	Senior Projects 1: Design Synthesis (Lab)		TTH	12:50 PM	2:40 PM	Hybrid	See Dept	Akos	Jackson
		302	Senior Projects 1: Design Synthesis (Lab)		TTH	12:50 PM	2:40 PM	Hybrid	See Dept	Mah	Jackson
		303	Senior Projects 1: Design Synthesis (Lab)		TTH	12:50 PM	2:40 PM	Hybrid	See Dept	Morton	Jackson
		304	Senior Projects 1: Design Synthesis (Lab)		TTH	12:50 PM	2:40 PM	Hybrid	See Dept	Wingate	Jackson
		305	Senior Projects 1: Design Synthesis (Lab)		TTH	12:50 PM	2:40 PM	Hybrid	See Dept	Neogi	Jackson

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		306	Senior Projects 1: Design Synthesis (Lab)		TTH	12:50 PM	2:40 PM	Hybrid	See Dept	Akos	Jackson
		307	Senior Projects 1: Design Synthesis (Lab)		TTH	12:50 PM	2:40 PM	Hybrid	See Dept	Morton	Jackson
		308	Senior Projects 1: Design Synthesis (Lab)		TTH	12:50 PM	2:40 PM	Hybrid	See Dept	Wingate	Jackson
ASEN	4128	001	Human Factors in Engineering	3	TH	5:00 PM	7:50 PM	Remote	-	Scott	

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GRADUATE COURSES											
CRSE	NUM	SECT	COURSE TITLE	CDTS	DAY(S)	START	END	MODE	LOC	FACULTY NM	FACULTY NM2
ASEN	5010	001B	Spacecraft Attitude Dynamics and Control	3	-	NA	NA	Online (DE)	DISTANCE	Cody Allard	
ASEN	5010	001	Spacecraft Attitude Dynamics and Control	3	TTH	8:30 AM	9:45 AM	Hybrid	AERO 111	Cody Allard	
ASEN	5016	001B	Space Life Sciences	3	-	NA	NA	Online (DE)	DISTANCE	Clark	
ASEN	5016	001	Space Life Sciences	3	TTH	11:40 AM	12:55 PM	Hybrid	AERO 114	Clark	
ASEN	5018	800	Graduate Projects I*	3	M	5:30 PM	6:20 PM	Remote		Rainville	
		801	Graduate Projects I*: Human Spacecraft Project	-	TTH	11:00 AM	12:50 PM	Hybrid	AERO 224L	Voss	
		802	Graduate Projects I*: Satellite Timing System for Navigation and	-	TTH	9:00 AM	10:50 AM	Hybrid	See Dept	Axelrad	
		803	Graduate Projects I*: CubeSats for Space Science	-	MW	2:00 PM	3:50 PM	Hybrid	AERO 232	Marshall	
		804	Graduate Projects I*: CU-E3 and Maxwell CubeSats	-	WF	1:40 PM	3:30 PM	Hybrid	AERO N250	Pilinski	
		805	Graduate Projects I*: Spacecraft MLI Heat Leak Characterization	-	MW	9:00 AM	10:50 AM	Hybrid	AERO N240	Nabity	
		806	Graduate Projects I*: Space-based Debris Tracking (ITAR Restrict	-	TTH	3:00 PM	4:50 PM	Hybrid	AERO 224L	Kubitschek	
ASEN	5022	001B	Dynamics of Aerospace Structures	3	-	NA	NA	Online (DE)	DISTANCE	Doostan	
ASEN	5022	001	Dynamics of Aerospace Structures	3	TTH	1:15 PM	2:30 PM	Hybrid	AERO 232	Doostan	
ASEN	5044	001B	Statistical Estimation	3	-	NA	NA	Online (DE)	DISTANCE	Strandjord	
ASEN	5044	001	Statistical Estimation	3	TTH	2:50 PM	4:05 PM	Hybrid	AERO 114	Strandjord	
ASEN	5050	001B	Space Flight Dynamics	3	-	NA	NA	Online (DE)	DISTANCE	Bosanac	
ASEN	5050	001	Space Flight Dynamics	3	TTH	10:05 AM	11:20 AM	Remote/Online	-	Bosanac	
ASEN	5151	001B	Compressible Flow	3	-	NA	NA	Online (DE)	DISTANCE	Macdonald	
ASEN	5151	001	Compressible Flow	3	MWF	12:00 PM	12:50 PM	Hybrid	AERO N240	Macdonald	
ASEN	5148	001B	Spacecraft Design	3	-	NA	NA	Online (DE)	DISTANCE	Kubitschek	
ASEN	5148	001	Spacecraft Design	3	TTH	2:50 PM	4:05 PM	Hybrid	AERO N240	Kubitschek	
ASEN	5212	001B	Composite Structures and Materials	3	-	NA	NA	Online (DE)	DISTANCE	Lopez Jimenez	
ASEN	5212	001	Composite Structures and Materials	3	TTH	8:30 AM	9:45 AM	Hybrid	AERO 232	Lopez Jimenez	
ASEN	5235	901	Intro to Atmospheric Radiative Transfer and Remote Sensing*	3	MW	9:00 AM	10:15 AM	Remote	-	Wang, Zhien	
ASEN	5245	001B	Radar and Remote Sensing	3	-	NA	NA	Online (DE)	DISTANCE	Williams	
ASEN	5245	001	Radar and Remote Sensing	3	TTH	4:25 PM	5:40 PM	Remote	-	Williams	
ASEN	5335	001B	Aerospace Environment	3	-	NA	NA	Online (DE)	DISTANCE	Marshall	
ASEN	5335	001	Aerospace Environment	3	TTH	8:30 AM	9:45 AM	Hybrid	AERO N240	Marshall	
ASEN	5519	002B	Selected Topics: Boundary Layers and Convection	3	-	NA	NA	Online (DE)	DISTANCE	Jansen	
ASEN	5519	002	Selected Topics: Boundary Layers and Convection	3	TTH	11:40 AM	12:55 PM	Hybrid	AERO N240	Jansen	
ASEN	5519	003B	Special Topics: Decision Making under Uncertainty	3	-	NA	NA	Online (DE)	DISTANCE	Sunberg	
ASEN	5519	003	Special Topics: Decision Making under Uncertainty	3	TTH	10:05 AM	11:20 AM	Hybrid	AERO N240	Sunberg	
ASEN	5550	800	Selected Topics: Designing for Defense	3	TH	5:30 PM	8:00 PM	Hybrid	FLMG 33	Thrall, Lloyd	
ASEN	6008	001B	Interplanetary Mission Design	3	-	NA	NA	Online (DE)	DISTANCE	Davis	

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ASEN	6008	001	Interplanetary Mission Design	3	M	6:00 PM	7:15 PM	Hybrid	SEEC N125	Davis	
				3	W	6:00 PM	7:15 PM	Hybrid	AERO N100	Davis	
ASEN	6028	800	Graduate Projects II*	3	M	5:30 PM	6:20 PM	Remote	-	Rainville	
		801	Graduate Projects II*: Human Spacecraft Project	-	TTH	11:00 AM	12:50 PM	Hybrid	AERO 224L	Voss	
		802	Graduate Projects II*: Satellite Timing System for Navigation and	-	TTH	9:00 AM	10:50 AM	Hybrid	See Dept	Axelrad	
		803	Graduate Projects II*: CubeSats for Space Science	-	MW	2:00 PM	3:50 PM	Hybrid	AERO 232	Marshall	
		804	Graduate Projects II*: CU-E3 and Maxwell CubeSats	-	WF	1:40 PM	3:30 PM	Hybrid	AERO N250	Pilinski	
		805	Graduate Projects II*: Spacecraft MLI Heat Leak Characterization	-	MW	9:00 AM	10:50 AM	Hybrid	AERO N240	Nabity	
		806	Graduate Projects II*: Space-based Debris Tracking (ITAR Restrict	-	TTH	3:00 PM	4:50 PM	Hybrid	AERO 224L	Kubitschek	
ASEN	6037	001	Turbulent Flows*	3	TTH	9:35 AM	10:50 AM	Remote	-	Hamlington	
ASEN	6070	001B	Satellite Geodesy*	3	-	NA	NA	Online (DE)	DISTANCE	Nerem	
ASEN	6070	001	Satellite Geodesy*	3	TTH	3:55 PM	5:10 PM	Hybrid	BECCS1B12	Nerem	
ASEN	6080	001B	Statistical Orbit Determination	3	-	NA	NA	Online (DE)	DISTANCE	Holzinger	
ASEN	6080	001	Statistical Orbit Determination	3	TTH	10:05 AM	11:20 AM	Hybrid	AERO 114	Holzinger	
ASEN	6091	001B	GNSS Receiver	3	-	NA	NA	Online (DE)	DISTANCE	Akos	
ASEN	6091	001	GNSS Receiver	3	MW	4:10 PM	5:25 PM	Remote/Online	-	Akos	
ASEN	6116	001B	Spacecraft Life Support Systems	3	-	NA	NA	Online (DE)	DISTANCE	Nabity	
ASEN	6116	001	Spacecraft Life Support Systems	3	TTH	1:15 PM	2:30 PM	Hybrid	AERO N240	Nabity	
ASEN	6519	001B	Special Topics: Verification and Control Synthesis for Stochastic	3	-	NA	NA	Online (DE)	DISTANCE	Lahijanjan	
ASEN	6519	001	Special Topics: Verification and Control Synthesis for Stochastic	3	TTH	2:50 PM	4:05 PM	Remote/Online	-	Lahijanjan	
ASEN	6519	002B	Special Topics: Extravehicular Activity	3	-	NA	NA	Online (DE)	DISTANCE	Anderson	
ASEN	6519	002	Special Topics: Extravehicular Activity	3	TTH	10:05 AM	11:20 AM	Remote/Online	-	Anderson	
ASEN	6519	003B	Special Topics: Molecular Modeling of Materials	3	-	NA	NA	Online (DE)	DISTANCE	Neogi	
ASEN	6519	003	Special Topics: Molecular Modeling of Materials	3	TTH	2:50 PM	4:05 PM	Remote	-	Neogi	
ASEN	6519	004B	Special Topics: Advanced State Estimation	3	-	NA	NA	Online (DE)	DISTANCE	Ahmed	
ASEN	6519	004	Special Topics: Advanced State Estimation	3	TTH	8:30 AM	9:45 AM	Hybrid	AERO 114	Ahmed	