

Preliminary Class Schedule (as of Nov 2009)

Astronautics Graduate Class Schedule

(subject to change – always check with *ASTD Student Affairs*)

				2008	2009	2009	2010	2010	2011	2011	2012
				Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring
Core Requirement Courses											
ASTE 520	Spacecraft Design	2	D R	▼	▼	▼	▼	▼	▼	▼	▼
ASTE 535	Space Environment and Spacecraft Interactions	2	D R	▼		▼	▼	▼	▼	▼	▼
ASTE 580	Orbital Mechanics I	2	D R	▼		▼	▼	▼	▼	▼	▼
ASTE 470	Spacecraft Propulsion	1	D R	▼		▼		▼		▼	?
Elective Courses											
ASTE 501a	Physical Gas Dynamics I	#	N C						?		
ASTE 501b	Physical Gas Dynamics II	#	N C								?
ASTE 523	Design of Low Cost Space Missions	1	D C		▼				▼		
ASTE 527	Space Studio Architecting	1	D C	▼		▼		▼		▼	
ASTE 541	Partially Ionized Plasmas	lr	N E								
ASTE 545	Comput. Techniques in Rarefied Gas Dynamics	lr	N E				▼				
ASTE 552	Spacecraft Thermal Cntrl.	#	D C					?			▼
ASTE 553	Systems for Remote Sensing From Space	#	D C			▼				▼	
ASTE 554	Spacecraft Sensors	1	D C	▼		▼		▼		▼	
ASTE 556	SC Structural Dynamics	#	D C	▼				▼			
ASTE 570	Liquid Rocket propulsion	#	D C		▼				▼		
ASTE 572	Advanced SC Propulsion	#	D C				▼				▼
ASTE 581	Orbital Mechanics II	1	N C		▼		▼		▼		▼
ASTE 583	Space Navigation	1	D C		▼		▼		▼		▼
ASTE 584	SC Power Systems	1	D C		▼		▼		▼		▼
ASTE 585	SC Attitude Control	lr	D C		▼ summer				▼ summer		
ASTE 586	SC Attitude Dynamics	#	D C				▼				▼
ASTE 599	Special Topics	lr	D E			▼	▼				
Mathematics Requirement – see next page											

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|---|--|
| <p>SC = spacecraft</p> <p>2 = course offered twice each year</p> <p>1 = course offered each year</p> <p># = course offered every second year</p> <p>lr = course offered irregularly</p> <p>▼ = planned (subject to Dean approval)</p> | <p>R = required MS ASTE</p> <p>C = core elective MS ASTE</p> <p>E = technical elective</p> <p>D = webcast through DEN</p> <p>N = on campus; not available through DEN</p> <p>? = uncertain</p> |
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The schedule of course offerings is subject to change.

Always check with *ASTD Student Affairs* when planning the class sequence.

Preliminary Class Schedule (as of Apr 2009)

Astronautics Graduate Class Schedule

(subject to change – always check with *ASTD Student Affairs*)

Mathematics Requirement				2009	2009	2010	2010	2010	2011	2011
				Smmr	Fall	Spring	Smmr	Fall	Spring	Smmr
AME 525	Engineering Analysis	3	D	O	▼	▼	▼	▼	▼	▼
AME 526	Engineering Analyt. Meth.	3	D	O	▼	▼	▼	▼	▼	▼
CE 529a	Finite Element Analysis	2	D	O	▼	▼	▼	▼	▼	▼
EE 517	Statistics for Engineers	1	D	O			▼		▼	
PHYS 510	Methods Theoret. Physics	1	N	O		▼		▼		

O = required option to choose one course for MS ASTE

3 = course offered three times each year

2 = course offered twice each year

1 = course offered each year

D = webcast through DEN

N = on campus; not available through DEN

▼ = planned offering

EE 517

Before registering for EE 517, please check directly with the instructor for course requirements. This course may require (1) live viewing of course lectures (no passive asynchronous viewing) by remote students; and (2) attending on campus (even if it would require transcontinental travel) at least one of the two (usually seven-hour) final-project sessions.

Note that other USC departments (not ASTD) offer these mathematics courses.

Please contact those departments directly regarding course schedules.

The schedule of course offerings is subject to change.