

EMA Future Course Offerings

No	Title	Sp 16	Fa 16	Sp 17	Fa 17	Sp 18	Fa 18	Sp 19	Fa 19	Sp 20	Fa 20	Spr21
IntEgr 101	Intro to Engr (1 cr)	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX
IntEgr 170	Intro to Engr Lab (2 cr)	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX
EMA 201	Statics	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX
EMA 202	Dynamics	XX	XX	[ME]	XX	[ME]	XX	[ME]	XX	[ME]	XX	[ME]
EMA 303	Mech of Mat	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX
EMA 307	Mech of Mat Lab		Scheduled by ME dept. Consult with them for scheduling									
EMA 395	Matrls - Constr Facilt		Scheduled by Civil E dept. Consult with them for scheduling									
EMA 405	Prac in Finite Ele	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX
EMA 469	Design Prob in Engr		XX		XX		XX		XX		XX	
EMA 506	Adv Mech of Mat		XX		XX		XX		XX		XX	
EMA 508	Composite Mat		Scheduled by ME dept. Consult with them for scheduling									
EMA 519	Fracture Mech	XX		XX		XX		XX		XX		XX
EMA 521	Aerodynamics		XX		XX		XX		XX		XX	
EMA 522	Aero Lab	XX		XX		XX		XX		XX		XX
EMA 523	Flight Dyn & Ctrl	XX		XX		XX		XX		XX		XX
EMA 540	Exp Vib & Dyn Sys		XX		XX		XX		XX		XX	
EMA 542	Adv Dynamics		XX		XX		XX		XX		XX	
EMA 545	Mech Vibrations	XX		XX		XX		XX		XX		
EMA 550	Astroynamics	XX		XX		XX		XX		XX		XX
EMA 569	Sen Design Proj	XX		XX		XX		XX		XX		XX
EMA 570	Exper Mech		Scheduled by ME dept. Consult with them for scheduling									
EMA 601	Sp Top: Modal Anal			XX				XX				
EMA 601	Sp Top: Rocket Propul				XX				XX			
EMA 605	Intro to Finite Ele		XX		XX		XX		XX		XX	
EMA 610	FEM Model Validation			XX				XX				X
EMA 611	Adv Mech Test of Mat	XX		XX		XX		XX		XX		XX
EMA 615	Nanomechanics			XX				XX				X
EMA 622	Mech of Continua			XX		XX		XX		XX		XX
EMA 630	Viscoelastic Solids				XX				XX			
EMA 642	Satellite Dynamics	XX		XX		XX		XX		XX		
EMA 700	Theo of Elasticity		XX				XX				XX	
EMA 703	Lin Viscoelastcty & Plas				XX				XX			
EMA 705	Adv Top in Fin Ele	XX				XX				XX		
EMA 706	Plate, Shells etc		Scheduled by ME dept. Consult with them for scheduling									
EMA 708	Adv Composit Mat		Scheduled by ME dept. Consult with them for scheduling									
EMA 719	Adv Frac Mech					XX				XX		
EMA 722	Intro to Poly Reo		Scheduled by ME dept. Consult with them for scheduling									
EMA 740	Struc Dyn & Design		Scheduled by ME dept. Consult with them for scheduling									
EMA 742	Theo & App of Adv Dyn				XX				XX			
EMA 745	Vib and Wave Propag I		XX				XX				XX	
EMA 759	HPC for Apps in Engr		Scheduled by ME dept. Consult with them for scheduling									