

Course		Pre-requisite 1	Pre-requisite 2	Pre-requisite 3	Co-requisite (or previously taken)
AME	105	MATH 124 or MATH 125			
AME	205	AME 105			
AME	211	MATH 122B or MATH 125			
AME	220	MATH 223	PHYS 141		MATH 254
AME	230	PHYS 141			
AME	250	MATH 223	CE 214		MATH 254
AME	300	AME 230	ECE 207 (ME majors) or PHYS 241 (AE majors)		AME 331 (ME majors) or AME 220 (AE majors)
AME	301	MATH 254			
AME	302	MATH 254	AME 205	AME 250	AME 301
AME	313				
AME	320	AME 331 (ME majors) or AME 220 (AE majors)			AME 301
AME	321	AME 250	AME 331 (ME majors) or AME 220 (AE majors)	AME 320	
AME	323	MATH 254	AME 230	AME 331 (ME majors) or AME 220 (AE majors)	AME 302
AME	324A	CE 214			
AME	324C	AME 301	AME 324A		
AME	324L				AME 324A or MSE 331R
AME	401	AME 300	AME 320	AME 323	
AME	420	AME 320	AME 321	AME 323	
AME	422	AME 420			AME 313
AME	425	AME 230	AME 323	AME 331	
AME	427	AME 320	AME 321		
AME	431	AME 302	AME 331 (ME majors) or AME 220 (AE majors)		
AME	457	AME 302			
AME	463	AME 301	AME 302	AME 324A	
AME	495s	N/A			
non-AME courses					
MATH	122A/B	Appropriate MATH placement			
MATH	129	MATH 122A/B or MATH 125 (grade of "C" or higher)			
MATH	223	MATH 129 (grade of "C" or higher)			
MATH	254	MATH 129 or MATH 223 (grade of "C" or higher)			
PHYS	141	MATH 122B or MATH 125			
PHYS	241	PHYS 141	MATH 129		
CHEM	151	Appropriate MATH placement			
ECE	175				MATH 122B or MATH 125
CE	214	MATH 129	PHYS 141		
MSE	331R	CHEM 151			
ENGR	102A	MATH 112			
ENGR	102B	FR status in ENGR			MATH 122B or MATH 125