

BS Mechanical Engineering (MEEN)

Course	Course Title	Pre-Requisite (Course #)	Co-Requisite (Course #)	Rotation (odd/even/every year(s))		
				Fall	Spring	Summer
ENGR 1201	Introduction to Engineering	MATH 1314		Every	Every	
ENGR 1312	Engineering Graphics	MATH 1314		Every	Every	
ENGR 2325	Statics	PHYS 2425, MATH 2414	MATH 2414	Every	Every	Every
ENGR 2326	Dynamics	ENGR 2325		Every	Every	Every
ENGR 2460	Circuit Analysis	PHYS 2426, MATH 2414, MATH 3315	MATH 3315	Every	Every	Every
ENGR 3315	Fluid Mechanics	ENGR 2326, MATH 2415, MATH 3315	MATH 3315	Every	Every	Every
ENGR 3316	Thermodynamics	PHYS 2425, MATH 2414		Every	Every	Every
ENGR 3320	Strength of Materials	ENGR 2325, ENGR 3322		Every	Every	Every
ENGR 3322	Materials Science	CHEM 1411, PHYS 2425		Every	Every	Every
ENGR 3350	Manufacturing Processes	ENGR 1312, ENGR 3322		Every	Every	
ENGR 4240	Project Management	MEEN 3330, MEEN 3345		Every	Every	
ENGR 4370	Capstone Project	ENGR 4240		Every	Every	

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ENGR 4420	Engineering Lab Measurements	PHYS 2426, (MATH 3342 or MATH 3345)		Every	Every	
MEEN 3230	Solid Mechanics Lab	MEEN 3330	MEEN 3330	Every	Every	
MEEN 3310	Engineering Analysis for Mechanical Engineers	MATH 3315		Every	Every	Every
MEEN 3330	Design of Machine Elements	ENGR 3320		Every	Every	
MEEN 3340	Solid Modeling and Finite Elements	MEEN 3310, ENGR 3320			Every	
MEEN 3345	Heat Transfer	ENGR 3315, ENGR 3316		Every	Every	Every
MEEN 4345	Sensors and Systems	ENGR 2460, MATH 2414				Every
MEEN 4351	Dynamical Systems Analysis and Modeling	COSC 1330, ENGR 2460, ENGR 2326, MEEN 3310		Every	Every	
MEEN 4360	Thermal Systems Design	MEEN 3345		Every	Every	
MEEN 4365	Mechanical Systems Design	MEEN 3330, ENGR 3350		Every	Every	