FALL 2012 -	- FALL 2016	Fall	ISn	Su	Fall	ISn	ISII	Fall	ISn	Su	Fall	ISn	ISu	Fall
ME	CORE CLASSES	12	13	13	13	3p 14	5u 14	14	15	15	15	16	16	16
1202	Introduction To Engineering	X	X		X	X		Х	X		Х	X		X
1301	Machines and Society	X	X		X	X		X	X		X	X		X
1303	Energy, Technology and the Environment													
1305	Information Technology and Society	X	X		X	X		X	X		X	X		X
2310	Statics	X	X		X	X		X	X		X	X	<u> </u>	X
2320	Dynamics	X	X	_	X	X		X	X		X	X		X
2331	Thermodynamics	X	X	<u> </u>	X	X		X	X		X	X	<u> </u>	X
2340	Mechanics of Deformable Bodies	X	X	_	X	X		X	X		X	X		X
2342	Fluid Mechancis	X	X	-	X	X		X	X		X	X	<del> </del>	X
3332	Heat and Mass Transfer	X	X	-	X	X		X	X		X	X	_	X
3340 3350	Engineering Materials Structural Analysis	X	X V		X	X		X	X		X	X		X
3360	Fluid Power Systems	X	^	-	X	^		X	^		X	^	_	X
3370	Manufacturing Processes	X	X		X	X		X	X		X	X		X
4338	Thermal Systems Design	X	X		X	X		X	X		X	X		X
4350	Design of Steel Structures	X	X		X	X		X	X		X	X		X
4351	Ethical Decision-Making in Applied Sciences and Engineering Technology													
4360	Design and Control of Mechanical Systems	X	X		X	X		X	X		X	X		X
4370	Elements of Mecahnical Design	X	X		X	X		X	X		X	X		X
4380	Mechanical Engineering Design I	X			X			X			X			X
4381	Mechanical Engineering Design II		X			X			X			X		
5/7322	Vibrations	X	X		X	X		X	X		X	X		X
5/7372	Introduction to CAD	X	Sp	Su	X	X Sp	Su	X	X	Su	X	X	Su	X
ME	SENIOR / GRADUTAE CLASSES	12	13	13	13	3p 14	14	14	15	15	15	16	16	16
5/7302	Linear Systems Analyst													
5/7314	Introduction to Microelectromechanical Systems and Devices	X												
5/7319	Advanced Mechanical Behavior of Materials	X												
5/7320	Intermediate Dynamics													
5/7321	Failure Analysis													
5/7323	Introduction to Fracture Mechanics													
5/7324	Fatigue Theory and Design													
5/7326	Vehicle Dynamics	X												
5/7330	Heat Transfer			<u> </u>										
5/7331	Advanced Thermodynamics													
5/7332	Heat Transfer in Biomedical Sciences													
5/7333	Transport Phenomena in Porous Media	X							_				_	
5/7336	Intermediate Fluid Dynamcis	X												
5/7337 5/7340	Introduction to Computational Fluid Dynamics Introduction to Solid Mechanics	X												
5/7341	Structural Properties of Solids	^												
5/7361	Matrix Structural Anaylis and Introduction to Finite Elements	X												
5/7362	Engineering Analysis with Numerical Methods													
5/7364	Introduction to Structural Dynamics													
5/7371	Introduction to Gas Dynamics and Analysis of Propulsion Systems													
5/7376	Robotics:Introduction to Computer-Aided Manufacturing													
5/7383	Heating, Ventilating and Air Conditioning	X												
7394	Special Topics - Optics Laser Manufacturing													
ME	GRADUATE	Fall 12	Sp 13	Su 13	Fall 13	_	Su 14	Fall 14	1 .	Su 15	Fall 15	Sp 16	Su 16	Fall 16
8325	Random Vibrations													
8326	Vibrations of Elastic Bodies	-		+			-							
8327	Wave Propagation in Continuous Media			<u> </u>										
8338	Viscous Flow Theory			<u> </u>										
8339	Turbulent Shear Flow													
8340	Theory of Elasticity													
8342	Theory of Plasticity													
8344	Energy Methods in Applied Mechanics													
8346	Mechanics of Composite Materials												<u> </u>	
8361	Multivariable Control System Design			<u> </u>									<u> </u>	
8364	Finite Element Methods in Structural and Continuum Mechanics			_									<u> </u>	<u> </u>
8366	Basic Concepts of Structural Stability			_									<u> </u>	<u> </u>
8367	Nonlinear Control												<u> </u>	
8368	Theory of Plate Behavior												<u> </u>	<u> </u>
8369	Theory of Shell Behavior			_									<del> </del>	
8385	Conduction Heat Transfer (LAST TALICUT SPRING 2000)												<u> </u>	<del>                                     </del>
8386	Convection Heat Transfer (LAST TAUGHT SPRING 2009)													_
8387	Radiation Heat Transfer Selected Topics Advanced Manufacturing Processes			-		<u> </u>							<del>                                     </del>	-
8391	Selected Topics-Advanced Manufacturing Processes					<u> </u>							<u> </u>	<u></u>