

	Spring 2013	Summer 2013	Fall 2013	Spring 2014	Summer 2014	Fall 2014	Spring 2015	Summer 2015	Fall 2015	Spring 2016	Summer 2016	Fall 2016	Spring 2017
ASE 6153- Advanced Performance			X										
ASE 6423- Introduction to Computational Fluid Dynamics	X												X
ASE 6813- Advanced Orbital Mechanics	X												
ASE 8313- Advanced Compressible Aerodynamics I						X							
ASE 8343- Incompressible Viscous Laminar Flow			X									X	
ASE 8353- Turbulet Flow						X							
ASE 8363- Computational Heat Transfer			X										
ASE 8413- Computataional Fluid Dynamics I			X			X						X	
ASE 8423- Computational Fluid Dynamics II	X						X						X
ASE 8863- Optimal Control of Dynamic Systems										X			
CE 6103-Pavement Design			X						X				
CE 6133- Geometric Design of Highways									X				

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CE 6143 Traffic Engineering							X						
CE 6163- Urban Transportation Planning			X										
CE 6183- Waterborne Transportation Engineering											X		
CE 6513- Engineering Hydrology	X						X			X			X
CE 6523- Open Channel Hydraulics			X						X			X	
CE 6533- Computational Methods in Water Resources Engineering			X						X				
CE 6563- Sedimentation Engineering						X						X	
CE 6583- Stream Reconnaissance									X				
CE 6743- Analysis and Mitigation of Conflicts, Claims, and Disputes													X
CE 6843- Envision Engineering Chemistry												X	
CE 6863- Water and Wastewater Engineering							X						X
CE 6883- Engineered Environmental Systems			X										
CE 6913- Matrix of Analysis of Structures							X						X
CE 6923- Structural Dynamics					X				X				

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CE 6963- Design of Steel Structures										X			
CE 6973- Design of Concrete Structures			X						X				
CE 6983- Engineering of Wood Structures												X	
CE 6993- Prestressed Concrete Structures										X			
CE 8133- Traffic Flow Theory							X						
CE 8143- Traffic Simulation and Advanced Traffic Management			X										
CE 8303- Materials Characterization	X			X			X						
CE 8313- Materials Science and Durability of Concrete			X							X			
CE 8333- Pavement Performance and Rehabilitation												X	
CE 8343- Advanced Pavement Materials						X							
CE 8413- Advanced Geotechnical Site Characterization			X										
CE 8423- Geotechnical Earthquake Engineering					X						X		
CE 8433- Advanced Foundation		X						X					
CE 8443- Soil Behavior	X			X			X						X

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CE 8933- Surface Water Quality Modeling II	X			X			X						
CHE 8223- Advanced Process Computations			X										
CHE 8713- Scientific Proposal Instruction and Development		X									X		
CME 8113- Computational Geometry												X	
CSE 6163- Designing Parallel Algorithms												X	
CSE 6503- Database Management Systems			X									X	
CSE 6623- Computational Biology	X			X									
CSE 6633- Artificial Intelligence									X				
CSE 6753- Foundations in Computation												X	
CSE 8011- Seminar			X										
CSE 8080- Directed Project CS			X										
CSE 8273- Software Requirements Engineering			X										
ECE 6323- Electromagnetic Compatibility						X						X	
ECE 6413- Digital System Processing			X			X			X			X	

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EM 8213- Fracture Mechanics			X				X					X	
IE 6173- Occupational Safety Engineering							X						
IE 6333- Production Control I			X			X			X			X	
IE 6513- Engineering Administration			X			X			X			X	
IE 6533- Project Management	X			X		X			X				X
IE 6543- Logistics Engineering	X			X				X		X			X
IE 6553- Engineering Law and Ethics			X										
IE 6573- Process Improvement Engineering	X			X			X			X		X	
IE 6613- Engineering Statistics I	X	X		X	X	X			X			X	
IE 6623- Engineering Statistics II							X			X			X
IE 6653- Industrial Quality Control I			X			X			X			X	
IE 6733- Linear Programming I	X									X			X
IE 6743/EM 6143/ASE 6553- Engineering Design Optimization	X									X			
IE 6753- Systems Engineering and Analysis		X			X	X			X		X		

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MA 6323- Numerical Analysis II													X
MA 8203- Applied Math I			X			X			X				
ME 6123- Failure of Engineering Materials			X			X						X	
ME 6133-Mechanical Metallurgy						X							
ME 6443- Mechanical Systems Design		X			X						X		
ME 6543- Combustion Engines										X			
ME 6823- Compressible Flow and Turbomachinery												X	
ME 6833- Intermediate Fluid Mechanics													X
ME 8011- Graduate Seminar						X			X			X	
ME 8213- Engineering Analysis I									X			X	
ME 8223- Inelasticity										X			
ME 8243- Finite Element in Mechanical Engineering									X				
ME 8253- Fatigue in Engineering Design	X			X		X				X			X
ME 8373- Integrated Computational Materials Engineering			X				X						X
ME 8813- Viscous Flow I							X						

