

	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	Summer 2017	Fall 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			X
ASE 8353- Turbulet Flow						X									
ASE 8363- Computational Heat Transfer			X												
ASE 8413- Computataional Fluid Dynamics I			X			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						X
CE 6563- Sedimentation Engineering						X						X			
CE 6583- Stream Reconnaissance									X						X
CE 6703- Construction Engineering and Management															X
CE 6743- Analysis and Mitigation of Conflicts, Claims, and Disputes													X		
CE 6843- Envision Engineering Chemistry												X			

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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						X
CE 6963- Design of Steel Structures										X					
CE 6973- Design of Concrete Structures			X						X						
CE 6983- Engineering of Wood Structures												X			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								X
CE 8313- Materials Science and Durability of Concrete			X							X					
CE 8333- Pavement Performance and Rehabilitation												X			

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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						X	
CE 8443- Soil Behavior	X			X			X						X		
CE 8463- Slopes & Embankments										X					
CE 8473- Theoretical Soil Mechanics						X						X			
CE 8503- Data Analysis for CEE	X						X						X		
CE 8533- Hydromechanics			X												X
CE 8543- Tidal Hydraulics	X			X											
CE 8553- Rivers, Estuaries, and Coasts													X		
CE 8563- Groundwater Resource Evaluation			X						X						
CE 8573- Hydro-environmental Analysis						X						X			

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CE 8593- Environmental Hydrology										X					
CE 8673- Blast Effects and Structures Responses						X						X			
CE 8683- Finite Element Analysis in Structural Engineering						X			X			X			
CE 8713- Green Building Systems	X			X											
CE 8823- Unit Processes and Operations in Environmental Engineering II							X								X
CE 8923- Surface Water Quality Modeling													X		
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			X	
CME 8113- Computational Geometry												X			
CSE 6163- Designing Parallel Algorithms												X			

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CSE 6413- Principles of Computer Graphics															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												
CSE 8413- Visualizations															X
ECE 6323- Electromagnetic Compatibility						X						X			
ECE 6413- Digital System Processing			X			X			X			X			X
ECE 6423- Introduction to Remote Sensing Technologies			X							X					
ECE 6433- Introduction to Radar						X				X					
ECE 6613- Power Transmission Systems												X			X

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ECE 6633- Power Distribution Systems	X			X			X			X			X		
ECE 6653- Introduction to Power Electronics	X			X			X			X			X		
ECE 6743- Digital System Design	X			X			X						X		
ECE 6783- Visual Guidance for MAV						X			X						
ECE 6813- Communication Theory									X						
ECE 8333- Radar Signal Processing							X								
ECE 8423 - Adaptive Signal Processing						X							X		
ECE 8433- Statical Signal Processing															X
ECE 8443- Pattern Recognition													X		
ECE 8453- Introduction to Wavelets			X						X						X
ECE 8473- Digital Image Processing									X						
ECE 8493- Introduction to Neural Networks												X			
ECE 8633- Control of Distributed and Renewable Energy Systems										X			X		
ECE 8693- Power System Operation and Control			X				X					X			

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IE 6333- Production Control I			X			X			X			X			X
IE 6513- Engineering Administration			X			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			X
IE 6613- Engineering Statistics I	X	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			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			x	X
IE 6773- Systems Simulation I			X						X				X		
IE 8143- Applied Ergonomics Meethods			X						X						

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IE 8153- Cognitive Engineering	X			X			X						X		
IE 8163- Macroergonomics										X					
IE 8333- Production Control Systems II	X			X			X						X		
IE 8353- Manufacturing Systems Modeling						X				X					
IE 8583- Enterprise Sys Engineering			X						X				X		
IE 8723- Operations Research II									X						X
IE 8733- Decision Theory						X						X			
IE 8743- Nonlinear Programming I			X							X					
IE 8753- Network Flows and Dynamic Programming						X									X
IE 8773- Systems Simulation II												X			
IE 8793- Heuristics in Optimization	X			X								X			
IE 8913- Engineering Economy II										X					X
MA 6313- Numerical Analysis I												X			X
MA 6323- Numerical Analysis II													X		
MA 8203- Applied Math I			X			X			X						X

