

	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	Spring 2018
ASE 6153- Advanced Performance		X													
ASE 6423- Introduction to Computational Fluid Dynamics												X			X
ASE 6813- Advanced Orbital Mechanics															
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 8313- Materials Science and Durability of Concrete		X							X						
CE 8333- Pavement Performance and Rehabilitation											X				
CE 8343- Advanced Pavement Materials					X										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			
CE 8463- Slopes & Embankments									X						X
CE 8473- Theoretical Soil Mechanics					X						X				
CE 8503- Data Analysis for CEE						X						X			
CE 8533- Hydromechanics		X												X	
CE 8543- Tidal Hydraulics			X												
CE 8553- Rivers, Estuaries, and Coasts												X			

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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			X
ECE 8693- Power System Operation and Control		X				X					X				
ECE 8743- Advanced Robotics			X												
ECE 8813- Information Theory			X			X						X			
ECE 8823- Wireless Networks		X			X										X
ECE 8833- Computational Intelligence									X						
ECE 8923- Non-Linear Control Systems											X			X	
ECE 8943- Optimal Control of Dynamic Systems									X						

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EM 6123- Intro to Finite Element Method			X			X						X			X
EM 6133- Mechanics of Composite Materials															
EM 6213- Advanced Mechanics of Materials			X			X						X			
EM 8113- Theory of Continuous Media					X			X						X	
EM 8203- Applied Elasticity		X										X			X
EM 8213- Fracture Mechanics		X				X					X			X	
IE 3913- Engineering Economy I													X		
IE 6113- Human Factors Engineering															X
IE 6173- Occupational Safety Engineering						X									
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

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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			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						
IE 6753- Systems Engineering and Analysis	X			X	X			X		X			x	X	
IE 6773- Systems Simulation I		X						X				X			X
IE 8143- Applied Ergonomics Meethods		X						X							X
IE 8153- Cognitive Engineering			X			X						X			
IE 8163- Macroergonomics									X						
IE 8333- Production Control Systems II			X			X						X			

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IE 8353- Manufacturing Systems Modeling					X				X						
IE 8583- Enterprise Sys Engineering		X						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				X
IE 8793- Heuristics in Optimization			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	
MA 8213- Applied Math II															X
ME 6123- Failure of Engineering Materials		X			X						X			X	

