

<b>Mechanics and Material Science</b>	<b>Co-Op</b>	<b>S08</b>	<b>F08</b>	<b>S09</b>	<b>F09</b>	<b>S10</b>	<b>F10</b>	<b>S11</b>	<b>F11</b>	<b>S12</b>	<b>F12</b>	
ME 415 Materials Selection & Design (MET 415)		MSE		MSE		MSE		MSE		MSE		
ME 425 Advanced Machine Design					X RS			X EMO			X	
ME 461V Fracture Mechanics		X GP		X RS		X GP		X RS		X GP		
ME 473 Exp Stress Anal.												
ME 508V Mechanics of Plates and Shells						X DMB		X DMB				
ME 534V Mechanics of Composite Materials (MSE 536)	Y		X DMB				X DMB				X DMB	
ME 539 Advanced Mechanics of Materials (MSE 539)			X		X		X		X		X	
ME 548V Elasticity (CE 548)				X GP				X				
ME 549V Finite Element Analysis (CE 546)		CE-EO		CE		CE		CE		CE		
ME 573 Acoustic Waves in Elastic Solids												
<b>Dynamic Systems</b>		<b>S08</b>	<b>F08</b>	<b>S09</b>	<b>F09</b>	<b>S10</b>	<b>F10</b>	<b>S11</b>	<b>F11</b>	<b>S12</b>	<b>F12</b>	
ME 4/513V Engr Acoustics (ECE 579)	Y	X MA		X MA		X MA		X MA		X MA		
ME 472 Mechanical Vibrations	Y											
ME 481 Control Systems (ECE 470)	Y		ECE		ECE		ECE		ECE		ECE	
ME 542 Optimal Control	Y											
ME 572 Advanced Vibrations (ECE 575)	Y											
ME 575 Optimal Control Theory (ECE 574)	Y	Taught at WSU-schedule unknown										
ME 4/576 Robotics			X EW		X EW		X EW		X EW		X EW	
ME 578V Neural Network (ECE 578)		ECE		ECE		ECE		ECE		ECE		
ME 580V Linear Sys Theory (ECE 572)			ECE				ECE					
ME 581V Fuzzy Logic (ECE 573)					X DBE				X DBE			
ME 582 Advanced Topics in Control Sys (ECE 577)				X EW		X		X EW				
<b>Fluid Mechanics and Heat Transfer</b>		<b>S08</b>	<b>F08</b>	<b>S09</b>	<b>F09</b>	<b>S10</b>	<b>F10</b>	<b>S11</b>	<b>F11</b>	<b>S12</b>	<b>F12</b>	
ME 412V Gas Dynamics		X JC	X JC		X JC		X JC		X JC		X JC	
ME 519V Fluid Transients (CE 519)		CE				CE						
ME 4/517V Turbomachinery			X FG			X FG	X		X		X	
ME 545 Numerical Heat Conduction												
ME 546V Convective Heat Transfer	Y	X JS			X JS			X JS			X JS	
ME 547V Thermal Radiation	Y	X JS				X JS				X JS		
ME 515 Transport Phenomena (ChE 515)												
ME 4/520V Fluid Dynamics (CE 4/520)				X RB		X JC	X				X	
ME 4/551 Experimental Fluids						X RB BOI						
<b>Thermodynamics and Energy</b>		<b>S08</b>	<b>F08</b>	<b>S09</b>	<b>F09</b>	<b>S10</b>	<b>F10</b>	<b>S11</b>	<b>F11</b>	<b>S12</b>	<b>F12</b>	
ME 5/414V HVAC			X RB			X			X			
ME 422V Applied Thermodynamics			X SP			X			X			

ME 433 Combustion		sum									
ME 443V Thermodynamic Topics - Solar			X KD				X KD				X KD
ME 443V Thermodynamic Topics - Refrig					X SGP						
ME 443V Thermodynamic Topics - Other				X FG							
ME 444 Air Conditioning	Y	X RB			X RB			X RB			X RB
ME 526V Statistical Thermodynamics	Y			X JC				X			
ME 527 Thermodynamics	Y		X AT								
<b>Computational Design and Simulation</b>											
		S08	F08	S09	F09	S10	F10	S11	F11	S12	F12
ME 4/518 Discrete Simulation			X JS								
ME 4/528 Computer Aided Simulation											
ME 4/521 Advanced CAD		X EMO			X EMO		X EMO		X EMO		X
<b>Manufacturing and Engr. Management</b>											
		S08	F08	S09	F09	S10	F10	S11	F11	S12	F12
ME 410 Lean Manufacturing		sum		sum		sum		sum		sum	
ME 4/577 Design for Manufacture				X		X		X		X	
ME 583V Reliability of Engr Sys (CE 541)				X				X			
ME 585 Design for six sigma		X					X				
ME 587V Quality Engineering (EM 587)		X LAS		X LAS		X				X	
EM 504 Lean Management			X LAS		X			X			
EM 510 Engineering Management Fund		X LAS	X LAS		X LAS		X LAS		X LAS		X LAS
EM 599 Engineering Management Project		X	X	X	X	X	X	X	X	X	X
<b>Other</b>											
		S08	F08	S09	F09	S10	F10	S11	F11	S12	F12
ME 529V Air Pollution				X JS				X JS			
ME 540V Continuum Mechanics (CE 540)		X KR		X KR		X		X GP		X	
ME 541V Mechanical Engineering Analysis			X JS		X KDB		X JC		X		
<b>NEW COURSES</b>											
		S08	F08	S09	F09	S10	F10	S11	F11	S12	
ME 4/5XX Tech Venture Creation (DFE)				X DFE		X DFE					
ME 5XX Plasticity (GP)											
ME 4XX Mechatronics (EW)				X EW		X EW		X EW			
ME 4XX Explosives (KKR)			X KKR								
ME 4XX Comp. Synthesis			X JM	X JM					X JM		
ME 4XX Inter. Disc. Prod.					X JM	X JM					
ME 4XX AI in Engineering							X JM				