

Mechanical Engineering Historical Offerings:

This is a list of courses that were scheduled for online delivery over the last several years. The academic department determines which courses are scheduled for online delivery each semester. If you have questions about course availability, please [contact the department](#).

Course descriptions are available in the [University of Idaho General Catalog](#) and in the [EO course listings](#) if offered recently.

	MECHANICS & MATERIALS SCIENCE	F16	S17	F17	S18	F18	S19
ME 461	Fatigue and Fracture Mechanics					x	
ME 472	Mechanical Vibrations	x	x	x	x	x	x
ME 539/MSE 539/ CE 510	Advanced Mechanics of Materials		x				x
ME 540	Continuum Mechanics		x		x		x
ME 549/CE 546	Finite Element Analysis		x		x		x
ME 583/CE 541	Reliability of Engineering Systems					x	

	DYNAMIC SYSTEMS	F16	S17	F17	S18	F18	S19
ME 413/513/ ECE 579	Engineering Acoustics	x	x	x	x	x	x
ME 450/550	Computational Fluid Dynamics		x		x		x
ME 481/ECE 470	Control Systems					x	

	FLUID MECHANICS & HEAT TRANSFER	F16	S17	F17	S18	F18	S19
ME 345	Heat Transfer	x					
ME 412	Gas Dynamics				x		x
ME 420/520/ CE 420/520	Fluid Dynamics			x			
ME 525	Advanced Heat Transfer		x				

	THERMODYNAMICS & ENERGY	F16	S17	F17	S18	F18	S19
ME 414/514	HVAC Systems		x		x		x

	MANUFACTURING & ENGR. MANAGEMENT	F16	S17	F17	S18	F18	S19
EM 510	Engineering and Technology Management Fundamentals		x		x		x
TM 510	Engineering and Technology Management Fundamentals		x		x	x	x

	OTHER	F16	S17	F17	S18	F18	S19
Engr 210	Engineering Statics	x	x				
Engr 350	Engineering Mechanics of Materials		x				
Engr 428	Numerical Methods	x	x	x	x	x	x
ME 404/504	Advanced Composites	x					
ME 436	Sustainable Energy Sources and Systems		x		x	x	
ME 438/538	Sustainability and Green Design		x		x		
ME 458/558	Finite Element Applications in Engineering	x		x			x
ME 541	Mechanical Engineering Analysis	x		x		x	

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