

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	F17	S18	F18	S19	F19	S20
ME 415/MSE 415	Materials Selection and Design					x	
ME 417/517	Turbomachinery						x
ME 472	Mechanical Vibrations	x	x	x	x		
ME 539/MSE 539/ CE 510	Advanced Mechanics of Materials				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	F17	S18	F18	S19	F19	S20
ME 413/513/ ECE 579	Engineering Acoustics	x	x	x	x		
ME 450/550	Computational Fluid Dynamics		x		x	x	
ME 481/ECE 470	Control Systems			x		x	

	FLUID MECHANICS & HEAT TRANSFER	F17	S18	F18	S19	F19	S20
ME 412	Gas Dynamics		x		x		x
ME 420/520/ CE 420/520	Fluid Dynamics	x					

	THERMODYNAMICS & ENERGY	F17	S18	F18	S19	F19	S20
ME 322	Mechanical Engineering Thermodynamics						x
ME 414/514	HVAC Systems		x		x		x

	MANUFACTURING & ENGR. MANAGEMENT	F17	S18	F18	S19	F19	S20
EM 510	Engineering Management Fundamentals		x		x		x
ME 404-MD/504- MD	ST: Mechanics of Design and Manufacturing						x
ME 404-SD/504- SD	ST: Sustainable Design and Manufacturing						x
TM 510	Technology Management Fundamentals		x	x	x		x

	OTHER	F17	S18	F18	S19	F19	S20
Engr 428	Numerical Methods	x	x	x	x	x	x
ME 436	Sustainable Energy Sources and Systems		x	x			
ME 438/538	Sustainability and Green Design		x			x	
ME 458/558	Finite Element Applications in Engineering	x			x		
ME 541	Mechanical Engineering Analysis	x		x		x	
MSE 432	Fundamentals of Thin Film Fabrication						x

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