

Mechanical and Aerospace Engineering Schedule of Offerings

COURSE	TITLE	CR HRS	Semester Taken for MEE (may vary for concentrations)	FALL	SPRING	SUMMER	PreReqs needed	CoReqs
MEE 101	Intro to Mechanical Engineering	0	1, 2	X	X	X	n/a	
MEE 104L	Computer Graphics I	1	2	X	X		n/a	
MEE 200	Professional Development Seminar	0	3, 4	X	X	X	n/a	
MEE 225	Intro to Flight	3	3	X			PHY 206	
MEE 227L	Computer Graphics II	1	3	X	X		MEE 104L	
MEE 308	Fluid Mechanics	3	4	X	X	usually	EGR 202	MTH 219
MEE 312	Engineering Materials I	3	6	X	X	X	Coreq EGM 303	MEE 312L
MEE 312L	Engineering Materials Lab	1	6	X	X	X	Coreq EGM 303	MEE 312
MEE 314	Computational Methods	3	5	X	X	X	Coreq MTH 219	
MEE 321	Theory of Machines	3	6	X	X	X	MEE 314	
MEE 341	Engineering Experimentation	3	7	X	X	usually	EGR 203 ECE 201L/ EGR 203L	EGM 303 MEE 308
MEE 344	Manufacturing Processes	3	6	X	X	X	MEE 312	
MEE 398	Research and Innovation Lab	3	Elective		X		n/a	
MEE 401	Aerodynamics	3	6		X	X	MEE 308	
MEE 409	Aerospace Structures	3	5	X			EGM 303	
MEE 410	Heat Transfer	3	6	X	X	X	MEE 308	
MEE 410L	Thermo Fluids Lab	1	6	X	X	X	MEE 308	MEE 410
MEE 413	Propulsion	3	5	X			MEE 308	
MEE 415	Professional Development I	0	5, 6, 7	X	X		n/a	
MEE 416	Professional Development II	1	8	X	X		n/a	

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MEE 417	Internal Combustion Engines	3	Elective	X			EGR 202	
MEE 425	Aerospace Design	3	7	X			MEE 225 MEE 401	MEE 409 MEE 431L
MEE 427	Mechanical Design I	3	7	X	X	usually	MEE 321 EGM 303	MEE 431L
MEE 431L	Multidisciplinary Design Lab I	1	7	X	X	X	MEE 321 EGM 303	MEE 425 or 427
MEE 432L	Multidisciplinary Design Lab II	3	8	X	X	X	MEE 431L MEE 425 or 427	
MEE 433	Project Mgmt and Innovation	1	7	X	X		n/a	
MEE 434	Mechatronics	3	Elective	X			n/a	
MEE 439	Dynamic Systems and Controls	4	7	X	X	X	EGM 202 MTH 219 MEE 314	
MEE 440	Flight Vehicle Performance	4	7	X			EGM 202 MTH 219 MEE 225 MEE 401	
MEE 460	Engineering Analysis	3	8	X	X	usually	MEE 410/L EGM 303	
MEE 473	Renewable Energy Systems	3	Elective	X			n/a	
MEE 478	Energy Efficient Manufacturing	3	6 for MEE 344	X			EGR 202	
MEE 498	Research and Innovation Lab	1 or 3	Elective		X		n/a	
MEE 499	special classes offered	3	Elective	X	X		n/a	
EGR 100	Enrichment Workshop	0	1, 2	X	X		n/a	
EGR 103	Engineering Innovation	2	1 or 2	X	X		n/a	
EGR 201	Engineering Mechanics	3	3	X	X	X	PHY 206 MTH 168 or 138	

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EGR 202	Engineering Thermodynamics	3	3	X	X	X	MTH 168 or 138	
EGR 203	Electrical and Electronic Circuits	3	4	X	X	X	MTH 169	
ECE 201L	Circuits Analysis Lab	1	4	X	X	X	MTH 169	
EGM 202	Dynamics	3	4	X	X	X	EGR 201	
EGM 303	Mechanics II	3	4	X	X	X	EGR 201 MTH 169	
	MTH 137 (F/S), MTH 138, 168, 169, 218, 219 (F/S/Su) MTH 137&138 =/or MTH 168 -> MTH 169 -> MTH 218 -> MTH 219							
	PHY 206 -> PHY 207 -> PHY 208 (F/S/Su) or several choices in place of PHY 208 (advisor approved)							
	CHM 123, 123L (F,S,Su)							
	SEE 250 (F,S,Su), 303 and 401 (F), 402 (S)							