

Mechanical Engineering Undergraduate Course Schedule

Fall Term (2251)

Required Courses						
Subj./Catlg#	Class #	Course	Units	Days	Time	Room
ENGR 0022	12332	Materials Structure & Properties	3	MWF	10:00-10:50am	1500 WWPH
	12516	<i>recitation</i>	0	M	5:00-5:50pm	L9 Clapp
	12676	Materials Structure & Properties	3	MWF	9:00-9:50am	320 Benedum
	12677	<i>recitation</i>	0	M	5:00-5:50pm	L9 Clapp
ENGR 0135	12484	Statics & Mechanics of Materials 1	3	MWF	12:00-12:50pm	154 Chevron
	22410	Statics & Mechanics of Materials 1	3	MWF	12:00-12:50pm	G31 Benedum
	12485	Statics & Mechanics of Materials 1	3	MWF	2:00-2:50pm	G29 Benedum
	12486	Statics & Mechanics of Materials 1	3	W	5:00-7:30pm	1502 WWPH
ENGR 0145	12497	Statics & Mechanics of Materials 2	3	MWF	2:00-2:50pm	318 Benedum
MEMS 0024	13714	Intro to Mechanical Engineering Design	3	Tu	4:00-5:50pm	120 Lawrence
	15604	<i>lab</i>	0	Tu	12:00-1:50pm	318 Benedum
	15605	<i>lab</i>	0	F	3:00-4:50pm	318 Benedum
	22048	<i>lab</i>	0	Tu	6:00-7:50pm	318 Benedum
	20993	<i>lab</i>	0	Th	5:30-7:30pm	318 Benedum
MEMS 0071	19268	Introduction to Fluid Mechanics	3	MWF	1:00-1:50pm	G23 PH
MEMS 1014	13716	Dynamic Systems	3	MWF	11:00-11:50am	129 Victoria
MEMS 1028	13717	Mechanical Design 1	3	MWF	2:00-2:50pm	121 Lawrence
MEMS 1041	15060	Mechanical Measurements 1	3	MW	3:00-3:50pm	
	15061	<i>lab</i>	0	Tu	8:00-10:50am	SB23 Benedum
	15062	<i>lab</i>	0	Tu	12:00-2:50pm	SB23 Benedum
	15063	<i>lab</i>	0	Tu	3:00-5:50pm	SB23 Benedum
	15064	<i>lab</i>	0	Th	8:00-10:50am	SB23 Benedum
	15065	<i>lab</i>	0	Th	12:00-2:50pm	SB23 Benedum
	20220	<i>lab</i>	0	Th	3:00-5:50pm	SB23 Benedum
	22497	<i>lab</i>	0	W	4:00-6:50pm	SB23 Benedum
MEMS 1042	15057	Mechanical Measurements 2	3	TuTh	9:00-9:50am	318 Benedum
	15058	<i>lab</i>	0	Th	10:00-11:50am	SB27 Benedum
	15059	<i>lab</i>	0	Th	1:00-2:50pm	SB27 Benedum
	16077	<i>lab</i>	0	Tu	2:00-3:50pm	SB27 Benedum
	16104	<i>lab</i>	0	Tu	12:00-1:50pm	SB27 Benedum
MEMS 1043	15053	Senior Design Project	3	WF	11:00-12:15am	318 Benedum
MEMS 1052	13719	Heat and Mass Transfer	3	TuTh	4:00-5:15pm	232 CL
MEMS 1085	16856	Departmental Seminar	0	F	10:00-10:50am	121 Lawrence
Technical Electives						
ENGR 0240	16727	Nanotechnology and Nano-Engineering	3	MW	4:30-5:45pm	G27 Benedum
ENGR 1029 ⁺	25700	Introduction to Engineering for Humanity	3	MW	3:00-4:15pm	330 CL
ENGR 1030 ⁺	20549	Eng. for Humanity Service Learning Project	1 to 3	<i>by appointment</i>		
ENGR 1050 ⁺	12498	Product Realization	3	Tu	6:00-8:30pm	
ENGR 1090P ⁺	21862	Engr. Cooperative Program	1	<i>permission granted by the co-op office</i>		
ENGR 1700	20622	Introduction to Nuclear Engineering	3	MW	4:30-5:45pm	11 Thaw
ENGR 1702	12585	Nuclear Plant Technology	3	Th	6:00-8:30pm	157 Benedum
ENGR 1905	21393	Current Issues in Sustainability	3	MW	4:30-5:45pm	205 Lawrence
MEMS 0112	31543	Nanoscale ModIng & Sim- Molecular Dynamics	3	Th	1:00-3:30pm	G37 Benedum
MEMS 1010	13715	Exp Methods in Materials Science & Eng	3	TuTh	1:00-3:50pm	G27 Benedum
MEMS 1016	28058	Nonlinear Dynamical Systems 1	3	M	12:30-3:00pm	A214 Langley
MEMS 1030	15051	Material Selection	3	MWF	3:00-3:50pm	G24 Benedum

Technical Electives (cont.)

MEMS 1035	30495	Composite Materials Design and Apps	3	F	4:00-6:30pm	G28 Benedum
MEMS 1038	21634	Fundamentals of Eng Projects	1	Tu	3:00-3:50pm	318 Benedum
MEMS 1045	15054	Automatic Controls	3	TuTh	10:00-11:15am	318 Benedum
MEMS 1047	15066	Finite Element Analysis	3	M	4:30-6:50pm	G31 Benedum
MEMS 1051	13718	Applied Thermodynamics	3	MWF	10:00-10:50am	330 CL
MEMS 1053	16455	Structure of Crystals & Diffraction	3	MWF	1:00-1:50pm	1045 Benedum
MEMS 1057	15055	Micro/Nano Manufacturing	3	MWF	2:00-2:50pm	G36 Benedum
MEMS 1058	13720	Electromagnetic Properties of Materials	3	MWF	12:00-12:50pm	G24 Benedum
MEMS 1059	16456	Phase Equilibria in Multi-Comp. Mat'ls	3	MWF	9:00-9:50am	G37 Benedum
MEMS 1087	31544	Sustainable Materials Production	3	Th	4:00-6:25	119 CL
MEMS 1097†	15056	Special Projects	1 to 3	<i>by appointment</i>		
MEMS 1098†	15603	Special Projects	1 to 3	<i>by appointment</i>		
MEMS 1104	29839	Adv Phys Metallurgy of Nonferrous Alloys	3	Tu	4:00-6:30pm	G30 Benedum
MEMS 1111	27500	Materials for Energy Generation and Storage	3	W	4:00-6:30pm	226 Benedum
MEMS 1121	21610	Simulation Workshop	1	M	12:00-12:50pm	318 Benedum
MEMS 1140	31537	Programming w/Python & Matlab for Engineers	1	Tu	2:00-2:50pm	318 Benedum
MEMS 1183	30000	Intoduction to Additive Manufacturing	3	W	10:00a-12:30pm	226 Benedum

† Department Consent Required

‡ Instructor Consent Required

Communication Skills Electives

<u>Subj./Catlg#</u>	<u>Class #</u>	<u>Course</u>	<u>Units</u>	<u>Days</u>	<u>Time</u>	<u>Room</u>
COMMRC 0500	20500	Argument	3	TuTh	11:00am-12:15pm	1414 CL
	21164	Argument	3	TuTh	8:00-9:15am	227 CL
	16673	Argument	3	MWF	2:00-2:50pm	G28 CL
	25881	Argument	3	TuTh	4:00-5:15pm	206 Eberly
	28048	Argument	3	TuTh	1:00-2:15pm	324 Thackeray
	15088	Argument	3	TuTh	9:30-10:45am	1414 CL
	10935	Argument	3	MW	4:30-5:45pm	229 Victoria
	22855	Argument	3	Tu	6:00-8:30pm	A719 PH
	16891	Argument	3	Tu	6:00-8:30pm	202 FFA
	10119	Argument	3	Th	6:00-8:30pm	5404 WWPH
	22135	Argument	3	W	6:00-8:30pm	318 CL
	22689	Argument	3	M	6:00-8:30pm	318 CL
COMMRC 0520		Public Speaking	3	<i>see Class Search/Browse Catalog on my.pitt.edu</i>		
ENGCOMP 0400		Written Professional Communication	3	<i>see Class Search/Browse Catalog on my.pitt.edu</i>		
ENGCOMP 0401	25002	Written Prof. Comm. - Topics in Diversity	3	MW	4:30-5:45 pm	119 CL
ENGCOMP 0600	21333	Introduction to Technical Writing	3	MW	4:30-5:45pm	109 Barco Law
	22913	Introduction to Technical Writing	3	TuTh	9:30-10:45am	300 OEH