

# Mechanical Engineering Undergraduate Course Schedule Fall Term (2221)

Required Courses						
Subj./Catlg#	Class #	Course	Units	Days	Time	Room
ENGR 0022	12777	Materials Structure & Properties	3	MWF	10:00-10:50am	1500 WWPH
	12995	<i>recitation</i>	0	M	4:00-4:50pm	tbd
	13201	Materials Structure & Properties	3	MWF	9:00-9:50am	104 Lawrence
	13202	<i>recitation</i>	0	M	4:00-4:50pm	tbd
ENGR 0135	12950	Statics & Mechanics of Materials 1	3	MWF	12:00-12:50pm	1500 WWPH
	25626	Statics & Mechanics of Materials 1	3	MWF	12:00-12:50pm	205 Lawrence
	12951	Statics & Mechanics of Materials 1	3	MWF	2:00-2:50pm	144 CL
	12953	Statics & Mechanics of Materials 1	3	W	5:00-7:30pm	332 CL
ENGR 0145	12966	Statics & Mechanics of Materials 2	3	MWF	2:00-2:50pm	318 Benedum
MEMS 0024	14752	Intro to Mechanical Engineering Design	3	Tu	4:00-5:50pm	157 Benedum
	17165	lab	0	Tu	12:00-1:50pm	318 Benedum
	17166	lab	0	F	3:00-4:50pm	318 Benedum
	25492	lab	0	Tu	6:00-7:50pm	318 Benedum
	24018	lab	0	Th	5:30-7:30pm	318 Benedum
MEMS 0071	21588	Introduction to Fluid Mechanics	3	MWF	1:00-1:50pm	G24 CL
MEMS 1014	14754	Dynamic Systems	3	MWF	11:00-11:50am	157 Benedum
MEMS 1028	14755	Mechanical Design 1	3	MWF	2:00-2:50pm	232 CL
MEMS 1041	16518	Mechanical Measurements 1	3	MW	3:00-3:50pm	232 CL
	16519	<i>lab</i>	0	Tu	8:00-10:50am	SB23 Benedum
	16520	<i>lab</i>	0	Tu	12:00-2:50pm	SB23 Benedum
	16521	<i>lab</i>	0	Tu	3:00-5:50pm	SB23 Benedum
	16522	<i>lab</i>	0	Th	8:00-10:50am	SB23 Benedum
	16523	<i>lab</i>	0	Th	12:00-2:50pm	SB23 Benedum
	22958	<i>lab</i>	0	Th	3:00-5:50pm	SB23 Benedum
	26078	<i>lab</i>	0	W	4:00-6:50pm	SB23 Benedum
MEMS 1042	16515	Mechanical Measurements 2	3	TuTh	9:00-9:50am	318 Benedum
	16516	<i>lab</i>	0	Th	10:00-11:50am	SB27 Benedum
	16517	<i>lab</i>	0	Th	1:00-2:50pm	SB27 Benedum
	17705	<i>lab</i>	0	Tu	2:00-3:50pm	SB27 Benedum
	17745	<i>lab</i>	0	Tu	12:00-1:50pm	SB27 Benedum
MEMS 1043	16510	Senior Design Project	3	WF	11:00-12:15am	318 Benedum
MEMS 1052	14757	Heat and Mass Transfer	3	TuTh	4:00-5:15pm	232 CL
MEMS 1085	18757	Departmental Seminar	0	W	11:00-11:50am	121 Lawrence
Technical Electives						
ENGR 0240	18555	Nanotechnology and Nano-Engineering	3	MW	4:30-5:45pm	232 CL
ENGR 1029†	31647	Introduction to Engineering for Humanity	3	MW	3:00-4:15	G24 Benedum
ENGR 1030†	23404	Eng. for Humanity Service Learning Project	1 to 3	<i>by appointment</i>		
ENGR 1050†	<i>IE dept</i>	Product Realization	3	Tu	6:00-8:30pm	
ENGR 1090P†	25218	Engr. Cooperative Program	1			
ENGR 1700	23505	Introduction to Nuclear Engineering	3	MW	4:30-5:45pm	1500 WWPH
ENGR 1702	13099	Nuclear Plant Technology	3	Th	6:00-8:30pm	157 Benedum
MEMS 1010	14753	Exp Methods in Materials Science & Eng	3	TuTh	1:00-3:50pm	G27 Benedum
MEMS 1030	16508	Material Selection	3	MWF	3:00-3:50pm	G28 Benedum
MEMS 1032‡	16509	Automotive Design & Fabrication	3	<i>requires Dr. Slaughter's approval - no lecture</i>		
MEMS 1035	29049	Composite Materials Design & Application	3	W	6:00-8:30pm	158 Benedum
MEMS 1038	24922	Fundamentals of Eng Projects	1	Tu	3:00-3:50pm	318 Benedum

### Technical Electives

MEMS 1045	16511	Automatic Controls	3	TuTh	10:00-11:15am	318 Benedum
MEMS 1047	16524	Finite Element Analysis	3	M	4:30-6:50pm	11 Thaw
MEMS 1051	14756	Applied Thermodynamics	3	MWF	10:00-10:50am	232 CL
MEMS 1053	18198	Structure of Crystals & Diffraction	3	MWF	1:00-1:50pm	G28 Benedum
MEMS 1057	16512	Micro/Nano Manufacturing	3	MWF	2:00-2:50pm	158 Benedum
MEMS 1058	14758	Electromagnetic Properties of Materials	3	MWF	12:00-12:50pm	342 CL
MEMS 1059	18199	Phase Equilibria in Multi-Comp. Mat'ls	3	MWF	9:00-9:50am	G37 Benedum
MEMS 1060	29064	Numerical Methods	3	M	1:30-3:55p	G36 Benedum
MEMS 1080	28766	Powder Processing of Materials	3	Th	4:00-6:25	G27 Benedum
MEMS 1097†	16513	Special Projects	1 to 3	<i>by appointment</i>		
MEMS 1098†	17164	Special Projects	1 to 3	<i>by appointment</i>		
MEMS 1102	16514	Principles & Apps. of Steel Alloy Design	3	MWF	10:00-10:50am	G37 Benedum
MEMS 1121	24878	Simulation Workshop	1	M	12:00-12:50 pm	318 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	11095	Argument	3	TuTh	4:30-5:45pm	113 CL
	23319	Argument	3	TuTh	4:00-5:15pm	2121C PH
	18484	Argument	3	MWF	11:00-11:50am	115 Victoria
	25620	Argument	3	TuTh	9:30-10:45am	2121C PH
	24301	Argument	3	TuTh	8:00-9:15am	G18 CL
	24249	Argument	3	TuTh	8:00-9:15am	G16 CL
	16549	Argument	3	W	6:00-8:30pm	325 Thackeray
	26531	Argument	3	M	6:00-8:30pm	103 Allen
	10131	Argument	3	Th	6:00-8:30pm	105 Allen
	18808	Argument	3	Tu	6:00-8:30pm	300 OEH
	26653	Argument	3	Tu	6:00-8:30pm	132 Chevron
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 0600	24505	Introduction to Technical Writing	3	Th	6:00-8:30pm	G20 CL
	26774	Introduction to Technical Writing	3	TuTh	9:30-10:45am	241 Crawford