

# Materials Science and Engineering Undergraduate Course Schedule

## Fall Term (2211)

Required Courses						
Subj./Catlg#	Class #	Course	Units	Days	Time	Room
ENGR 0022	12839	Materials Structure & Properties	3	MWF	10:00-10:50am	1500 WWPH
	13057	<i>recitation</i>	0	M	4:00-4:50pm	11 Thaw
	13263	Materials Structure & Properties	3	MWF	9:00-9:50am	104 Lawrence
	13264	<i>recitation</i>	0	M	4:00-4:50pm	107 Lawrence
ENGR 0135	13012	Statics & Mechanics of Materials 1	3	MWF	12:00-12:50pm	154 Chevron
	25741	Statics & Mechanics of Materials 1	3	MWF	12:00-12:50pm	G31 Benedum
	13013	Statics & Mechanics of Materials 1	3	MWF	2:00-2:50pm	144 CL
	13015	Statics & Mechanics of Materials 1	3	W	5:00-7:30pm	104 Thaw
ENGR 0145	13028	Statics & Mechanics of Materials 2	3	MWF	2:00-2:50pm	318 Benedum
MEMS 0024	14821	Intro to Mechanical Engineering Design	3	Tu	4:00-5:50pm	157 Benedum
	17239	lab	0	Tu	12:00-1:50pm	318 Benedum
	17240	lab	0	F	3:00-4:50pm	318 Benedum
	25604	lab	0	Tu	6:00-7:50pm	318 Benedum
	24118	lab	0	Th	5:30-7:30pm	318 Benedum
MEMS 1010	14822	Exp Methods in Materials Science & Eng	3	TuTh	1:00-3:50pm	G27 Benedum
MEMS 1028	14824	Mechanical Design 1	3	MWF	2:00-2:50pm	232 CL
MEMS 1030	16578	Material Selection	3	MWF	3:00-3:50pm	G28 Benedum
MEMS 1043	16580	Senior Design Project	3	WF	11:00-12:15am	318 Benedum
MEMS 1052	14826	Heat and Mass Transfer	3	TuTh	4:00-5:15pm	102 Thaw
MEMS 1053	18273	Structure of Crystals & Diffraction	3	MWF	1:00-1:50pm	G28 Benedum
MEMS 1058	14827	Electromagnetic Properties of Materials	3	MWF	12:00-12:50pm	230 Victoria
MEMS 1059	18274	Phase Equilibria in Multi-Comp. Mat'ls	3	MWF	9:00-9:50am	G37 Benedum
MEMS 1079	16595	Senior Materials Research Project	3	TuTh	1:00-3:50pm	G28 Benedum
MEMS 1085	18842	Departmental Seminar	0	W	11:00-11:50am	121 Lawrence
Technical Electives						
ENGR 0240	18635	Nanotechnology and Nano-Engineering	3	MW	4:30-5:45pm	209 Lawrence
ENGR 1030 <sup>†</sup>	23501	Eng. for Humanity Service Learning Project	1 to 3	<i>by appointment</i>		
ENGR 1050 <sup>†</sup>	<i>IE dept</i>	Product Realization	3	Tu	6:00-8:30pm	
ENGR 1090 <sup>†</sup>	25329	Engr. Cooperative Program	1			
ENGR 1700	23602	Introduction to Nuclear Engineering	3	MW	4:30-5:45pm	157 Benedum
ENGR 1702	13161	Nuclear Plant Technology	3	Th	6:00-8:30pm	157 Benedum
CHE 1754	26898	Principles of Polymer Engineering	3	TuTh	3:00-4:15pm	938A/B Benedum
MEMS 1035	29202	Composite Materials Design & Applications	3	W	6:00-8:30pm	11 Thaw
MEMS 1057	16582	Micro/Nano Manufacturing	3	MWF	2:00-2:50pm	158 Benedum
MEMS 1087	31569	Sustainable Materials Production	3	Th	4:00-6:30pm	G27 Benedum
MEMS 1097 <sup>†</sup>	16583	Special Projects	1 to 3	<i>by appointment</i>		
MEMS 1098 <sup>†</sup>	17238	Special Projects	1 to 3	<i>by appointment</i>		
MEMS 1102	16584	Principles & Apps. of Steel Alloy Design	3	MWF	10:00-10:50am	G37 Benedum

<sup>†</sup> Department Consent Required

<sup>‡</sup> Instructor Consent Required

### Technical Electives

BIOENG 1070	13129	Introductory Cell Biology 1	3	TuTh	11:00-12:15pm	G24 CL
	13130	recitation	0	M	8:00-8:50am	G27 Benedum
	18781	recitation	0	M	9:00-9:50am	G27 Benedum
	16938	recitation	0	M	10:00-10:50am	G27 Benedum
	18780	recitation	0	M	4:00-4:50pm	G27 Benedum
	17242	recitation	0	M	5:00-5:50pm	G27 Benedum
BIOENG 1810	13079	Biomaterials & Biocompatibility	3	TuTh	3:00-4:15pm	G28 Benedum
CHEM 0310	10223	Organic Chemistry 1	3	MW	6:00-7:15pm	152 Chevron
	10806	recitation	0	W	7:20-8:10pm	152 Chevron
	10496	Organic Chemistry 1	3	MWF	10:00-10:50am	152 Chevron
	10734	recitation	0	W	5:00-5:50pm	152 Chevron
	11465	Organic Chemistry 1	3	MWF	1:00-1:50pm	152 Chevron
	11466	recitation	0	Tu	3:00-3:50pm	152 Chevron
	10586	Organic Chemistry 1	3	TuTh	11:00-12:15pm	152 Chevron
	10733	recitation	0	Tu	4:00-4:50pm	152 Chevron
	15872	Organic Chemistry 1	3	MWF	3:00-3:50pm	152 Chevron
	15873	recitation	0	Tu	5:00-5:50pm	152 Chevron
CHEM 0320	25466	Organic Chemistry 2	3	MWF	1:00-1:50pm	150 Chevron
	10224	Organic Chemistry 2	3	MWF	9:00-9:50am	152 Chevron
	23869	recitation	0	F	4:00-4:50pm	206 Eberly
	11549	recitation	0	M	2:00-2:50pm	228 Eberly
	11550	recitation	0	M	6:00-6:50pm	135 Chevron
	11551	recitation	0	Tu	9:00-9:50am	135 Chevron
	11552	recitation	0	Tu	10:00-10:50am	135 Chevron
	25467	recitation	0	W	6:00-6:50pm	135 Chevron
	21180	recitation	0	W	2:00-2:50pm	228 Eberly
	22015	recitation	0	F	2:00-2:50pm	228 Eberly
	27124	recitation	0	W	3:00-3:50pm	132 Chevron

### 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	23415	Argument	3	TuTh	4:30-5:45pm	337 CL
	30151	Argument	3	W	6:00-8:30 pm	119 CL
	30712	Argument	3	TuTh	11:00-12:15pm	TBA
	26777	Argument	3	Tu	6:00-8:30pm	337 CL
	25735	Argument	3	TuTh	9:30-10:45am	233 Lawrence
	26474	Argument	3	M	6:00-8:30pm	208B CL
	30152	Argument	3	Th	6:00-8:30pm	352 CL
	16619	Argument	3	W	6:00-8:30pm	113 CL
	10129	Argument	3	Th	6:00-8:30pm	121 CL
	18893	Argument	3	Tu	6:00-8:30pm	A215 PH
	30150	Argument	3	Tu	6:00-8:30pm	203 FFA
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	24607	Introduction to Technical Writing	3	Th	6:00-8:30pm	G20 CL
	26952	Introduction to Technical Writing	3	TuTh	9:30-10:45am	330 CL