

MCEN SCHEDULE OF COURSES

FALL 2008

Required Courses:

Updated 7/18/08

Course Number	Call #	Course Title	Days	Time	Room	Instructor
GEEN 1300		Intro to Engineering Computing				This course is recommended for Spring of your freshman year, but it is also available in the Fall.
GEEN 1400		First-Year Engineering Projects				This course is recommended for Spring of your freshman year, but it is also available in the Fall.
GEEN 3400-010	75994	Engr. Proj: Invention & Innovation Lab 011	M TR	1100-1150 0900-1050	ITLL 150 ITLL 150	Carlson/ Sullivan
MCEN 1000-100	78994 78995 78996 84105 78997 84107	Intro. to Mechanical Engineering Lab 101 Lab 102 Lab 103 Lab 104 Lab 105 Lab 106	W MW MW TR TR TR	0300-0350 1100-1250 0100-0250 1000-1150 1200-0150 0200-0350 0400-0550	ECCR 265 ITLL 2B40 ITLL 2B40 ITLL 2B40 ITLL 2B40 ITLL 2B40 ITLL 2B40	Kotys Kotys Kotys Kotys Kotys Kotys Kotys
MCEN 1025-010	79003 79004 84113 79005 79006 79007 79008 79009	Computer-Aided Design & Fabrication Lab 011 Lab 012 Lab 013 Lab 014 Lab 015 Lab 016 Lab 017 Lab 018	M MW MW MW TR TR TR TR	0300-0350 0900-1050 1100-1250 0100-0250 0400-0550 0800-0950 1000-1150 1200-0150 0200-0350	HUMN 1B50 ECME 107 ECME 107 ECME 107 ECME 107 ECME 107 ECME 107 ECME 107 ECME 107	Carlson Carlson Carlson Carlson Carlson Carlson Carlson Carlson Carlson
MCEN 2023-001	79011	Statics and Structures	TR	1230-0145	MUEN E0046	Joseph
MCEN 3012-001	79012	Thermodynamics	MWF	1000-1050	RAMY C250	Milford
ECEN 3010-010	83872 83873 83874	Circuits and Electronics Lab 011 Lab 012 Lab 013	MW M W F	0400-0450 0100-0250 0100-0250 1100-1250	ECCR 1B40 ITLL 1B10 ITLL 1B10 ITLL 1B10	Newhall Newhall Newhall Newhall
MCEN 3021-001	79013	Fluid Mechanics	TR	1100-1215	CHEM 142	Hertzberg
MCEN 3030-001	84115	Computational Methods	MWF	0900-0950	HLMS 252	Joseph
MCEN 4228-802 4228-804	See Larry See Larry	TPC: Interim Measurements Lab (2 sh) TPC: Interim Measurements Lab (2 sh)	MW TR	0300-0450 1230-0220	ITLL 1B10 ITLL 1B10	Daily Tan
<p>This is the 2nd in the 2+2+2 for students who took "Experimental Design" in Spring '08. NOTE: For Fall 2008, this course will have "Controlled Enrollment," because we have 135 potential continuing students, but only 96 slots (48 + 48 in these two lab sections). So to get in, just visit Larry in person, and convince him you can graduate by Aug. 2009. Students who can wait and take "Measurements Lab" in Spring 2009 will have the luxury of a nice small class!</p>						

MCEN 4026-010		Mfg. Processes and Systems	TR	0930-1045	ECCR 245	Kotys
	85199	Rec 011	T	0230-0320	ECME 1B66	Kotys
4026-020		Mfg. Processes and Systems	TR	1230-0145	ECCR 245	Kotys
	85203	Rec 021	R	0230-0320	ECME 1B66	Kotys
MCEN 4228-805	See Larry	TPC: Interim M.E. (Senior) Lab (2sh)	TR	0930-1120	ITLL 1B10	Pawlas
		Offered both fall and spring, this is the final increment in the 2 + 2 + 2.				
		"Controlled Enrollment" means Larry has to put you in.				
MCEN 4043-010		System Dynamics	MW	0100-0150	CHEM 142	Reamon
	79020	Lab 011	M	1100-1250	ITLL 1B10	Reamon
	79021	Lab 012	W	1100-1250	ITLL 1B10	Reamon
	See Larry	Lab 813	F	1100-1250	ITLL 1B10	Reamon
		NOTE: Since we couldn't reserve much space on Fridays in the ITLL, Lab Section 813 has controlled enrollment. So to get in, just visit Larry in person and convince him you need the Friday section to make your schedule work without time conflicts.				
MCEN 4045-001	79023	ME Design Project 1	TR	0330-0445	CHEM 140	Pawlas/ Zable

Fall 2008 Technical Electives:

Course Number	Call #	Course Title	Days	Time	Room	Instructor
MCEN 4117-002 5117-002	85214 85215	Anatomy & Physiology for Engineers	TR	0500-0615	BESC 185	Ross
MCEN 4173-010		Finite Element Analysis	MW	1000-1050	ECCR 245	Park
	79027	Lab 011	F	0900-1050	ECCE 141	Park
	79028	Lab 012	F	0100-0250	ECCE 141	Park
	79029	Lab 013	F	0300-0450	ECCE 141	Park
5173-010		Finite Element Analysis	MW	1000-1050	ECCR 245	Park
		(Labs same as above, but with Call Numbers 83203, 83204, and 83205, respectively.)				
MCEN 4228-001 5228-001	79030 83206	TPC: Climate Change Solutions	MW	0500-0615	ECCR 150	Kutscher
MCEN 4228-005 5228-007	85728 85729	TPC: Molecular Bio & Micro/Nano Eng	TR	0930-1045	ECCR 1B51	Lee, YC
MCEN 4228-003 5228-003	84363 84364	TPC: Energy Conversion & Storage	MWF	0200-0250	BESC 185	Lee, Se-Hee
HONR 4000-881	See Honors*	TPC: Sustainable Energy	TR	1100-1215	ECCR 139	Kreith
		May not count double with MCEN 4228/5228 Sustainable Engery				
		*See Honors Department/ Prof Kreith - (Controlled enrollment (16 seats)				
		GPA 3.3 gets in automatically. GPA 3.0-3.29 can get in with permission of Prof Kreith				

Fall 2008 Graduate Courses:

(Seniors may take 5000 level courses as ME Tech Electives with instructor's permission)

Course Number	Call #	Course Title	Days	Time	Room	Instructor
MCEN 5020-002	85730	Methods of Eng. Analysis 1	TR	1100-1215	ECCR 150	Fournier
MCEN 5021-001	79062	Intro. to Fluid Dynamics (Same as ASEN 5051)	MWF	0300-0350	ITLL 1B50	Desjardins
MCEN 5023-001	79063	Solid Mech 1 (same as ASEN 5012)	MWF	1100-1150	ECCS 1B12	Dunn
MCEN 5228-006	84357	TPC: Materials Chemistry & Structure (Was MCEN 5024 "Materials Science 1.")	TR	0200-0315	ITLL 1B50	Stoldt
MCEN 5027-001	79066	Graduate Seminar (1 credit)	R	0330-0445	ECCR 1B51	Yang
MCEN 5117-002	85215	Anatomy & Physiology for Eng.	TR	0500-0615	BESC 185	Ross
MCEN 5173-010		Finite Element Analysis	MW	1000-1050	ECCR 245	Park, Harold
	83203	Lab 011	F	0900-1050	ECCE 141	Park, Harold
	83204	Lab 012	F	0100-0250	ECCE 141	Park, Harold
	83205	Lab 013	F	0300-0450	ECCE 141	Park, Harold
MCEN 5208-003	85727	TPC: Intro. to Research (1 credit)	MW	1200-0115	ITLL 1B50	Bright
MCEN 5228-001	83206	TPC: Climate Change Solutions	MW	0500-0615	ECCR 150	Kutscher
MCEN 5228-007	85729	TPC: Molecular Bio & Micro/Nano Eng	TR	0930-1045	ECCR 1B51	Lee, YC
MCEN 5228-003	84364	TPC: Energy Conversion & Storage	MWF	0200-0250	BESC 185	Lee, Se-Hee
MCEN 5636-001	79071	MEMS 1	TR	1230-0145	ECCR 139	Bright
MCEN 6228-001	84366	TPC: Kinetics	MWF	1100-1150	ECCR 150	Daily