

MCEN SCHEDULE OF COURSES

FALL 2007

Required Courses:

Updated 08-28-2007

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	75815	Engr. Proj: Invention & Innovation Lab 011	M TR	1100-1150 0900-1050	ITLL 150 ITLL 150	Carlson/ Sullivan
MCEN 1000-100		Intro. to Mechanical Engineering	W	0300-0350	ECCR 265	Kotys
	78785	Lab 101	MW	1100-1250	ITLL 2B40	Kotys
	78786	Lab 102	MW	0100-0250	ITLL 2B40	Kotys
	78787	Lab 103	M	0300-0450	ITLL 2B40	Kotys
			W	0400-0450	ITLL 2B40	Kotys
	78789	Lab 105	TR	1100-1250	ITLL 2B40	Kotys
	78790	Lab 106	TR	0100-0250	ITLL 2B40	Kotys
	78791	Lab 107	TR	0300-0450	ITLL 2B40	Kotys
	78792	Lab 108	TR	0500-0650	ITLL 2B40	Kotys
	84011	Lab 109	MTWRF	0900-0950	ITLL 2B40	Kotys
		NOTE: This course will not go all semester, but will end in November.				
MCEN 1025-010		Computer-Aided Design & Fabrication	M	0300-0350	HUMN 1B50	Carlson
	78796	Lab 011	MW	1000-1150	ECME 107	Carlson
	78797	Lab 012	MW	0100-0250	ECME 107	Carlson
	78799	Lab 014	MW	0500-0650	ECME 107	Carlson
	78800	Lab 015	TR	0800-0950	ECME 107	Carlson
	78801	Lab 016	TR	1000-1150	ECME 107	Carlson
	78802	Lab 017	TR	0100-0250	ECME 107	Carlson
	78803	Lab 018	TR	0300-0450	ECME 107	Carlson
	78804	Lab 019	TR	0500-0650	ECME 107	Carlson
MCEN 2023-001	78805	Statics and Structures	TR	1230-0145	BESC 180	Ibañez
MCEN 3012-001	78806	Thermodynamics	TR	1100-1215	CHEM 142	Daily
ECEN 3017-010		Circuits and Electronics	MW	0400-0450	ECCR 1B40	Newhall
	83637	Lab 011	M	0100-0250	ITLL 1B10	Garg
	83638	Lab 012	F	1100-1250	ITLL 1B10	Garg
	84997	Lab 013	W	0100-0250	ITLL 1B10	Newhall
MCEN 3021-001	78811	Fluid Mechanics	MWF	1000-1050	RAMY C250	Hertzberg
MCEN 3030-002	85409	Computational Methods	TR	0800-0915	MATH 100	Vasilyev
MCEN 4228-800		TPC: Interim Measurements Lab (2 sh)	MW	0300-0450	ITLL 1B10	Daily
4228-801		TPC: Interim Measurements Lab (2 sh)	TR	1230-0230	ITLL 1B10	Stoldt
		This is the 2nd in the 2+2+2 for students who took Prof Daily's "Exp Des" in Spring 2007.				
		NOTE: For Fall 2007, 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. 2008. Students who wait and take this in Spring 2008 will have the luxury of a nice small class.				

MCEN 4026-001	78813	Mfg. Processes and Systems	TR	0930-1045	ECCR 245	Kotys
4026-002	78814	Mfg. Processes and Systems	TR	1230-0145	ECCR 245	Kotys

MCEN 4228-803	84070	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 4042-001	CANCELLED	Thermal Systems Design	TR	0500-0615	DUAN G1B20	TBD
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Students who were enrolled in Thermal Systems may substitute a General Tech. Elective.

MCEN 4043-010		System Dynamics	MW	1000-1050	ATLS 100	Reamon
	84522	Lab 011	M	1100-1250	ITLL 1B10	Reamon
	84523	Lab 012	W	1100-1250	ITLL 1B10	Reamon
	84528	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	78820	ME Design Project 1	TR	0330-0445	CHEM 140	Zable/ Pawlas
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Fall 2007 Technical Electives:

Course Number	Call #	Course Title	Days	Time	Room	Instructor
MCEN 4117-002	84728	Anatomy & Physiology for Engineers	TR	1100-1215	DUAN G125	Ferguson
5117-002	84727					
MCEN 4173-010		Finite Element Analysis	MW	1200-1250	RAMY N1B23	Park
	78825	Lab 011	F	0900-1050	ECCE 141	Park
	78826	Lab 012	F	1100-1250	ECCE 141	Park
	78827	Lab 013	F	0100-0250	ECCE 141	Park
5173-010		Finite Element Analysis	MW	1200-1250	RAMY N1B23	Park
(Labs same as above, but with Call Numbers 82925, 82926, and 82927, respectively.)						
MCEN 4228-001	84060	TPC: Global Engineering	MW	0500-0615	ECCR 105	Zable
5166-001	84061					
MCEN 4228-002	84062	TPC: Sustainable Energy	TR	1100-1215	ECCR 200	Hannigan/ Kreith
5228-002	84063					
MCEN 4228-004	84670	TPC: Environmental Modeling	MWF	0900-0950	ECCR 1B51	Milford
5228-005	84671					
MCEN 4228-006	85317	TPC: Intro to Nanoscience	TR	0500-0615	DUAN G1B20	Raj
5228-006	85315					
MCEN 4228-010		TPC: Flow Visualization	TR	0200-0315	ATLS 1B31	Hertzberg
	84260	Lab 011	F	0200-0350	ITLL 1B10	Hertzberg
5228-010		TPC: Flow Visualization	TR	0200-0315	ATLS 1B31	Hertzberg
	84262	Lab 011	F	0200-0350	ITLL 1B10	Hertzberg

Fall 2007 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 5020-001	78860	Methods of Eng. Analysis 1	TR	0500-0615	DUAN G125	Vasilyev
MCEN 5021-001	78861	Intro. to Fluid Dynamics	MWF	0200-0250	ECCR 131	Kassoy
MCEN 5023-001	78862	Solid Mech 1 (same as ASEN 5012)	MWF	0300-0350	ECCR 155	Park, KC
MCEN 5024-002	85408	Materials Science 1	TR	0800-0915	ECCR 105	Greenberg
MCEN 5027-001	78864	Graduate Seminar (1 credit)	R	0330-0445	ECCR 1B51	Qi
MCEN 5117	84727	Anatomy & Physiology for Eng.	TR	1100-1215	DUANE G125	Ferguson
MCEN 5173-010		Finite Element Analysis	MW	1200-1250	RAMY N1B23	Park, Harold
	82925	Lab 011	F	0900-1050	ECCE 141	Park, Harold
	82926	Lab 012	F	1100-1250	ECCE 141	Park, Harold
	82927	Lab 013	F	0100-0250	ECCE 141	Park, Harold
MCEN 5208-003	85410	TPC: Intro. to Research (1 credit)	TR	0930-1045	ECME 137A	Bright
MCEN 5228-001	84061	TPC: Global Engineering	MW	0500-0615	ECCR 105	Zable
MCEN 5228-002	84063	TPC: Sustainable Energy	TR	1100-1215	ECCR 200	Hannigan/Kreith
MCEN 5228-004	84066	TPC: Microscale Heat Transfer	MWF	1000-1050	ECCR 139	Yang
MCEN 5228-005	84671	TPC: Environmental Modeling	MWF	0900-0950	ECCR 1B51	Milford
MCEN 5228-006	85315	TPC: Intro to Nanoscience	TR	0500-0615	DUAN G1B20	Milford
MCEN 5228-010		TPC: Flow Visualization	TR	0200-0315	ATLS 1B31	Hertzberg
	84262	Lab 011	F	0200-0350	ITLL 1B10	Hertzberg
MCEN 5636-001	78868	MEMS 1	TR	1100-1215	ECCR 139	Bright