

MCEN SCHEDULE OF COURSES

FALL 2006

Required Courses:

Updated 09-13-2006

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	75755	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	Reamon/Kotys
	84836	Lab 101	MW	1100-1250	ITLL 2B40	Reamon/Kotys
	84837	Lab 102	MW	0100-0250	ITLL 2B40	Reamon/Kotys
	84838	Lab 103	M	0300-0450	ITLL 2B40	Reamon/Kotys
	84840	Lab 105	W	0400-0450	ITLL 2B40	Reamon/Kotys
	84841	Lab 106	TR	1100-1250	ITLL 2B40	Reamon/Kotys
	84842	Lab 107	TR	0100-0250	ITLL 2B40	Reamon/Kotys
	84843	Lab 108	TR	0300-0450	ITLL 2B40	Reamon/Kotys
	84845	Lab 110	TR	0500-0650	ITLL 2B40	Reamon/Kotys
			MTWRF	0900-0950	ITLL 2B40	Reamon/Kotys
						NOTE: This course will not go all semester, but will end in October.
MCEN 1025-010		Computer-Aided Design & Fabrication	F	1100-1150	MATH 100	Carlson
	78661	Lab 011	MW	1000-1150	ECME 107	Carlson
	78662	Lab 012	MW	0100-0250	ECME 107	Carlson
	78663	Lab 013	MW	0300-0450	ECME 107	Carlson
	78664	Lab 014	MW	0500-0650	ECME 107	Carlson
	85219	Lab 015	TR	0800-0950	ECME 107	Carlson
	78666	Lab 016	TR	1000-1150	ECME 107	Carlson
	78667	Lab 017	TR	0100-0250	ECME 107	Carlson
	78668	Lab 018	TR	0300-0450	ECME 107	Carlson
	78669	Lab 019	TR	0500-0650	ECME 107	Carlson
MCEN 2023-001	78670	Statics and Structures	TR	1230-0145	BESC 180	Plaseied
MCEN 3012-001	78671	Thermodynamics	TR	1100-1215	CHEM 142	Milford
MCEN 3017-010		Circuits and Electronics	MW	0400-0450	ECCR 1B40	Newhall
	78673	Lab 011	M	0100-0250	ITLL 1B10	Newhall
	78675	Lab 013	F	1100-1250	ITLL 1B10	Newhall
MCEN 3021-001	78676	Fluid Mechanics	MWF	1000-1050	RAMY C250	Weidman
MCEN 3043-001	84398	Dynamics	MWF	0300-0350	DUANE G1B20	Datta

MCEN 4228-800 84822 TPC: Interim Measurements Lab (2 sh) MW 0300-0450 ITLL 1B10 Stoldt
 4228-801 84823 TPC: Interim Measurements Lab (2 sh) TR 1230-0230 ITLL 1B10 Miller
 This is the 2nd in the 2+2+2 for students who took Prof Daily's "Exp Des" in Spring 2006.
 NOTE: For Fall 2006, this course will have "Controlled Enrollment," because we have
 116 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. 2007.
 Students who wait and take this in Spring 2007 will have the luxury of a nice small class.

MCEN 4026-001 78683 Mfg. Processes and Systems TR 0930-1045 ECCR 245 Kotys
 4026-002 78684 Mfg. Processes and Systems TR 1230-0145 ECCR 245 Kotys

MCEN 4027-010 78686 Mechanical Engineering Lab MW 0100-0150 ECCR 1B55 Pawlas
 Lab 011 MW 0200-0350 ECME 1B66
 NOTE: This is the last iteration of the old 3-credit "M.E. Senior Lab" for students who
 have previously taken the 3-credit MCEN 3027 "Measurements Lab." From now on,
 everyone will take the new 2+2+2 sequence, which, happily, students seem to prefer.

MCEN 4042-001 78687 Thermal Systems Design TR 0500-0615 BESC 180 Jalalzadeh

MCEN 4043-002 84750 System Dynamics MWF 1100-1150 ATLS 100 Reamon

MCEN 4045-001 78689 ME Design Project 1 TR 0330-0445 F A N141 Zable/
 Pawlas/
 Krieth Weidman/
 Bergquist/ Shandas/
 Plam Reamon/

Technical Electives:

Course Number	Call #	Course Title	Days	Time	Room	Instructor
MCEN 4173-010		Finite Element Analysis	MW	1200-1250	RAMY N1B23	Qi
	84477	Lab-011	F	0900-1050	ECCE 141	Qi
	84481	Lab-012	F	1100-1250	ECCE 141	Qi
	84488	Lab-013	F	0100-0250	ECCE 141	Qi
5173-010		Finite Element Analysis	MW	1200-1250	RAMY N1B23	Qi
		(Labs same as above, but with Call Numbers 84480, 84483, and 84490, respectively.)				
MCEN 4228-003	84509	TPC: Electronic Packaging & Manufac	TR	0200-0315	ECCR 139	Lee
5166-001	78726					
MCEN 4228-005	84035	TPC: Global Engineering	MW	0500-0615	HUMN 1B80	Reamon/Zable
5228-005	84505					
MCEN 4228-006	84036	TPC: Seminar - Energy/Env (1 credit)	T	0400-0450	ECCR 1B51	Miller
5228-006	84501					
MCEN 4228-007	84038	TPC: Microscale Heat Transfer	MWF	1000-1050	ECCR 116	Yang
5228-007	84507					
MCEN 4228-010	84752	TPC: Sustainable Energy	TR	1100-1215	RAMY N1B23	Hannigan/ Kreith
5228-010	84753					
MCEN 4117-001	85348	TPC: Anatomy & Physiology for Eng.	MWF	0800-0850	ECCR 105	Ferguson
5117-001	85349					

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	84042	Methods of Eng. Analysis 1	TR	0500-0615	ECCR 105	Geers
MCEN 5021-001	78722	Intro. to Fluid Dynamics	MWF	0200-0250	ECCR 150	Kassoy
MCEN 5023-001	78723	Solid Mech 1 (same as ASEN 5012)	MWF	0300-0350	ECCR 200	Qi
MCEN 5024-001	78724	Materials Science 1	TR	0930-1045	ECCR 150	Greenberg
MCEN 5027-001	78725	Graduate Seminar (1 credit)	R	0330-0445	ECCR 1B51	Qi
MCEN 5166-001	78726	Electronic Packaging & Manufacturing	TR	0200-0315	ECCR 139	Lee
MCEN 5173-010		Finite Element Analysis	MW	1200-1250	RAMY N1B23	Qi
	84480	Lab-011	F	0900-1050	ECCE 141	Qi
	84483	Lab-012	F	1100-1250	ECCE 141	Qi
	84490	Lab-013	F	0100-0250	ECCE 141	Qi
MCEN 5117	85349	TPC: Anatomy & Physiology for Eng.	MWF	0800-0850	ECCR 105	Ferguson
MCEN 5208-001	84045	TPC: Intro. to Research (1 credit)	MWF	0100-0150	ECCR 1B51	Vasilyev
MCEN 5228-005	84505	TPC: Global Engineering	MW	0500-0615	HUMN 1B80	Reamon/Zable
MCEN 5228-006	84501	TPC: Seminar - Energy/Env (1 credit)	T	0400-0450	ECCR 1B51	Miller
MCEN 5228-007	84507	TPC: Microscale Heat Transfer	MWF	1000-1050	ECCR 116	Yang
MCEN 5228-009	84049	TPC: Graduate Design Project	TR	1230-0145	ECCR 155	Zable
MCEN 5228-010	84753	TPC: Sustainable Energy	TR	1100-1215	RAMY N1B23	Hannigan/ Kreith
MCEN 5636-001	84518	MEMS 1	TR	1100-1215	ECME 215	Bright
MCEN 6228-001	84754	TPC: Elastic Waves/Composite Media	MWF	1100-1150	ECCR 116	Datta
MCEN 6228-002	84755	TPC: Molecular Modeling	MWF	1000-1050	ECCR 137	Daily