

MCEN SCHEDULE OF COURSES SPRING 2006

Required Courses:

Updated 01-11-2006

<u>Course Number</u>	<u>Call #</u>	<u>Course Title</u>	<u>Days</u>	<u>Time</u>	<u>Room</u>	<u>Instructor</u>
GEEN 1300-010		Intro Engr Computing	MW	0800-0850	ECCR 1B40	DeGrazia
	15882	Rec-011	W	0100-0250	ECCH 107	DeGrazia
	15883	Rec-012	W	0300-0450	ECCH 107	DeGrazia
	15884	Rec-013	R	0800-0950	ECCH 107	DeGrazia
	15885	Rec-014	R	1000-1150	ECCH 107	DeGrazia
	15886	Rec-015	R	0100-0250	ECCH 107	DeGrazia
	25064	Rec-016	R	0300-0450	ECCH 107	DeGrazia
	25071	Rec-017	W	1000-1150	ECCH 107	DeGrazia
	25122	Rec-018	T	0800-0950	ECCH 107	DeGrazia
	25123	Rec-019	T	1000-1150	ECCH 107	DeGrazia
GEEN 1400- 020		First-Year Engr Projects	M	1100-1150	ITLL 160	Sandekian
	15895	Lab-021	WF	1000-1150	ITLL 160	Sandekian
GEEN 1400- 030		First-Year Engr Projects	M	0200-0250	ITLL 160	Carlson
	15897	Lab-031	TR	0200-0350	ITLL 160	Carlson
GEEN 1400-040		First-Year Engr Projects	F	0200-0250	ITLL 150	Reamon
	15899	Lab-041	MW	0100-0250	ITLL 150	Reamon
MCEN 2024- 001	18659	Materials Science	MW	0300-0415	HALE 270	Raj
MCEN 2063-001	18660	Mechanics of Solids	MWF	1200-1250	CHEM 142	Hannigan
MCEN 3017-010		Circuits & Electronics	TR	1000-1050	ITLL 1B50	Newhall
	18662	Lab-011	T	1200-0145	ITLL 1B10	Newhall
	18663	Lab-012	R	1200-0145	ITLL 1B10	Newhall
MCEN 3022-001	18665	Heat Transfer	MWF	0100-0150	RAMY C250	Kasoy
MCEN 3025-001	18666	Component Design	MW	0400-0450	RAMY C250	Reamon
			F	0300-0450	RAMY C250	
MCEN 3027- 020		Measurements Lab	T	1100-1150	ITLL 1B50	Daily
	25210	Lab-021	TR	0200-0445	ITLL 1B10	Daily
		NOTE: This 3-credit "Measurements Lab" is only for seniors who need it to graduate by Dec 2006. So if you're not graduating till May 2007, the M.E. Dept is requiring you to take the 2-credit spring-only MCEN 3208-001 below.				
MCEN 3208-001	23952	TPC:Exp Des & Data Anal (2 credits)	MW	0300-0350	BESC 180	Daily
		NOTE: The "Experimental Design & Data Analysis" is only for juniors who haven't taken MCEN 3027. This is the first of a new 2 + 2 + 2 (Spring-Fall-Spring) sequence that will replace the old 3+3 sequence of MCEN 3027 and MCEN 4027.				
MCEN 3030-001	18670	Computational Methods	MWF	0200-0250	BESC 180	St-Cyr

MCEN 4027-810		Mech. Engineering Lab	MW	1200-1250	ECCR 245	Pawlas
		Lab-811	TR	1100-1250	ECME 1B66	Pawlas
		Lab-812	TR	0330-0520	ECME 1B66	Pawlas

NOTE: The M.E. Dept has made "M.E. (Senior) Lab" a controlled-enrollment course. That is, only students who need it to graduate will be allowed in, and after your Spring 2006 registration eligibility arrives, you ask Larry to please enroll you. This will be a big plus for prof and students.

MCEN 4228-004	24827	TPC: Interim M.E. (Sr) Lab (2 credits)	TR	1100-1250	ECME 1B66	Pawlas
4228-005	24829	TPC: Interim M.E. (Sr) Lab (2 credits)	TR	0330-0520	ECME 1B66	Pawlas

NOTE: Choose one of the two sections of "Interim M.E. (Senior) Lab." This is only for seniors who haven't taken MCEN 4027. This is the final increment of the new 2 + 2 + 2 (Spring-Fall-Spring) sequence that will replace the old MCEN 3027/4027.

MCEN 4085-001	18674	ME Design Project 2	MW	0300-0450	MCOL W100	Branch/Zable
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Spring 2006 M.E. Technical Electives:

<u>Course Number</u>	<u>Call #</u>	<u>Course Title</u>	<u>Days</u>	<u>Time</u>	<u>Room</u>	<u>Instructor</u>
MCEN 4131-002	18675					
5131-001	22725	Air Pollution Control Engr.	TR	0930-1045	ECCR 105	Miller
	001					
MCEN 4173-020		Finite Element Analysis	MW	0900-0950	RAMY N1B23	Qi
	TBD	Lab-021	F	0800-0950	ECCE 141	Qi
	TBD	Lab-022	F	1000-1150	ECCE 141	Qi
	TBD	Lab-023	F	1200-0150	ECCE 141	Qi
5173-001		Finite Element Analysis	MW	0900-0950	RAMY N1B23	Qi
		(Labs same as above but with call numbers TBD, TBD, TBD, respectively.)				
MCEN 4183-001	24136	Mech. Composite Materials	MWF	0100-0150	BESC 185	Dunn
5183-001	24138					
MCEN 4228-001	18681	TPC: Energy & the Environ. (1 credit)	W	0500-0550	ECCR 139	Miller
5228-001	24413				or DLC 1B70	
MCEN 4228-002	18682	TPC: Molecular Bio & Micro/Nano Eng	TR	1230-0145	ECCR 245	Lee
5228-002	24414					
	002					
MCEN 4228-003	24174	TPC: Environmental Modeling	MWF	1000-1050	ECCR 151	Milford
5228-003	24415					
MCEN 4228-010		TPC: Flow Visualization	MW	0200-0250	ECCR151	Hertzberg
	24160	Lab-011	F	0200-0445	ITLL 2B10	Hertzberg
5228-010		TPC: Flow Visualization	MW	0200-0250	ECCR 151	Hertzberg
	24777	Lab-011	F	0200-0445	ITLL 2B10	Hertzberg

Spring 2006 Graduate Courses:

(Seniors may take 5000-level courses as M.E. Tech Electives with instructor's permission.)

<u>Course Number</u>	<u>Call #</u>	<u>Course Title</u>	<u>Days</u>	<u>Time</u>	<u>Room</u>	<u>Instructor</u>
MCEN 5022-001	18715	Thermodynamics	MWF	1200-1250	ECCR 1B51	Stoldt
MCEN 5027-001	18716	Graduate Seminar (1 credit)	R	0330-0445	ECCR 200	Vasilyev
MCEN 5040-002	25208	Meth. of Engr. Analysis 2	MR	0500-0615	BESC 185	Geers
MCEN 5042-002	25228	Heat Transfer	TR	0200-0315	ECCR 131	Mahajan
MCEN 5044-001	18719	Materials Science 2: Behavior	TR	0200-0315	ECCR 118	Greenberg
MCEN 5131-001	22725	Air Pollution Control Engr.	TR	0930-1045	ECCR 105	Miller
MCEN 5173-020		Finite Element Analysis	MW	0900-0950	RAMY N1B23	Qi
	TBD	Lab-021	F	0800-0950	ECCE 141	Qi
	TBD	Lab-022	F	1000-1150	ECCE 141	Qi
	TBD	Lab-023	F	1200-0150	ECCE 141	Qi
MCEN 5183-001	24138	Mech. Composite Materials	MWF	0100-0150	BESC 185	Dunn
MCEN 5208-001	18720	Introduction to Research (2 credits)	T	0330-0615	ECCR 139	Vasilyev
MCEN 5228-001	24413	TPC: Energy & the Environ. (1 credit)	W	0500-0550	ECCR 139 or DLC 1B70	Miller
MCEN 5228-002	24414	TPC: Molecular Bio & Micro/Nano Eng	TR	1230-0145	ECCR 245	Lee
MCEN 5228-003	24415	TPC: Environmental Modeling	MWF	1000-1050	ECCR 151	Milford
MCEN 5228-004	24782	TPC: Medical Ultrasonics	TR	0200-0315	ECCR 108	Shandas
MCEN 5228-010		TPC: Flow Visualization	MW	0200-0250	ECCR 151	Hertzberg
	24777	Lab-011	F	0200-0445	ITLL 2B10	Hertzberg
MCEN 5636-001	18723	Microelectromechanical Syst. 1 (MEMS 1)	TR	1100-1215	ECCR 139	Lee/Tan

