

SPRING 2014 - SCHEDULE OF COURSES
CIVIL, ENVIRONMENTAL & ARCHITECTURAL ENGINEERING

Courses are for **3 credits** unless otherwise noted. * = cross-listed courses. ** = combined cap for both cross-listed sections.

JANUARY 15, 2014

CHANGES SINCE LAST PUBLISHED SCHEDULE ARE IN RED/BOLD

<u>COURSE</u>	<u>SEC</u>	<u>CL</u>	<u>TITLE</u>	<u>DAY</u>	<u>TIME</u>	<u>BLDG/ROOM</u>	<u>INSTRUCTOR</u>	<u>CAP</u>	<u>CALL #</u>
AREN 1027	010		ENGINEERING DRAWING	TUTH	800-915	ECCR 200	CAYKO/GORE	92	25167
	011		LAB	TUTH	915-1055	ECCE 141	CAYKO/GORE	46	25168
	012		LAB	TUTH	1100-1240	ECCE 141	CAYKO/GORE	46	25169
AREN 2110	001		THERMODYNAMICS	MWF	900-950	ECCR 150	MONTOYA	56	25170
AREN 2120	001		FLUID MECH & HEAT TRANSFER	TUTH	930-1045	ECCR 155	ZHAI	48	25171
AREN 2830	340R		SP TPC-BUILDING PERFORMANCE	W	200-430	WVN 166B	LIEL	20	33678
<i>This section restricted to SbD and SSI RAP students only.</i>									
<i>Non-RAP students can contact Stephanie Barnhizer to be enrolled if space permits.</i>									
AREN 3060	001		ENV SYS FOR ARCH II	TUTH	800-915	FLMG 104	WUJEK	62	25172
AREN 4010	001	*	HVAC SYSTEM MODELING & CONTROL	TUTH	930-1045	FLMG 103	HENZE	27**	33642
AREN 4045	001		ARCH STRUCT II FOR ARCH	TUTH	530-645	FLMG 154	KEELY	80	25174
AREN 4110	002	*	HVAC SYSTEM DESIGN	TUTH	1100-1215	FLMG 154	BRANDEMUEHL	84**	37630
AREN 4315	001		DESIGN OF MASONRY STRUCTURES	MWF	200-250	ECCR 150	COOK	48	33647
AREN 4317	001		AREN DESIGN (5.0)	MW	400-515	FLMG 104	VASCONEZ	60	25176
			ADDITIONAL REQUIRED MEETING TIME	F	300-450	ECCR 105			
			<i>Brandemuehl/Xi/TBD</i>			ECCE 1B41			
AREN 4420	001		COST ENGINEERING	TUTH	330-445	ECCR 245	MORRIS	96	26513
AREN 4560	001	*	LUMINOUS RADIATIVE TRANSFER	MWF	200-250	ECCR 116	BEAMER	27**	33686
AREN 4570	002		ELECTRICAL SYSTEMS	TH	600-830	ECCR 151	BILLINGTON	48	37633
AREN 4830	003		SP TPC-ACOUSTICS & LIGHTING IN ARCH	TUTH	1100-1215	ENVD 120	BEAMER	65	26992
AREN 4830	005		SP TPC-ADVANCED LIGHTING DESIGN	MW	1000-1050	ECCE 1B47	VASCONEZ	25	39957
			ADDITIONAL REQUIRED MEETING TIME	F	800-1050	ECCE 1B47			
CVEN 2012	010		INTRO TO GEOMATICS	MF	1200-1250	ECCR 1B40	PFEFFER	120	25178
	011		LAB	M	0200-0450	ECCE 1B52	PFEFFER	24	25179
	012		LAB	T	0200-0450	ECCE 1B52	PFEFFER	24	25180
	013		LAB	W	0200-0450	ECCE 1B52	PFEFFER	24	25181
	014		LAB	TH	0200-0450	ECCE 1B52	PFEFFER	24	25182
	015		LAB	F	0200-0450	ECCE 1B47	PFEFFER	24	25183
CVEN 2121	001		ANALYTICAL MECHANICS I (STATICS)	MWF	100-150	ECCR 1B40	SIDERIS	84	25184
CVEN 3111	001		ANALYTICAL MECHANICS II (DYNAMICS)	MWF	1100-1150	ECCR 245	VERNEREY	96	25185
CVEN 3161	010		MECHANICS OF MTRLS I	MWF	900-950	MUEN E0046	SRUBAR	96	25186
	011		LAB	W	200-350	ECCE 1B52	SRUBAR	48	25187
	012		LAB	W	400-550	ECCE 1B52	SRUBAR	48	25188
CVEN 3227	001		PROBABILITY STATS AND DECISION	TUTH	200-315	ECCR 265	COROTIS	142	25189
CVEN 3246	001		INTRO TO CONSTRUCTION	TUTH	1230-145	ITLL 1B50	HALLOWELL	65	25190
CVEN 3256	001		CONST EQUIPMENT & METHODS	TUTH	930-1045	ECCR 105	GOODRUM	48	33696
CVEN 3313	010		THEORETICAL FLUID MECHANICS	TUTH	1230-145	ECCR 245	RAJARAM	96	25191
	011		REC	M	300-350	ECCR 245	RAJARAM	96	25192
CVEN 3414	001		FUND ENV ENGINEERING	MWF	1000-1050	FLMG 154	RYAN	84	25193
CVEN 3424	001		WATER/WASTEWATER TREATMENT	TUTH	1230-145	ECCR 200	CORWIN	96	25194
CVEN 3434	001		INTRO TO APPLIED ECOLOGY	TUTH	930-1045	ECCE 1B41	WRITER	36	25195
CVEN 3525	001		STRUCTURAL ANALYSIS	TUTH	930-1045	ECCR 151	CHO	48	25196

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CVEN 3698	010		ENGINEERING GEOLOGY	MWF	1000-1050	ECCR 245	PFEFFER	96	25197
	011		LAB	F	300-350	ECCR 245	PFEFFER	96	25198
CVEN 3708	010		GEOTECHNICAL ENGINEERING I	MWF	200-250	ECCR 105	DASHTI	60	25199
	011		LAB	TU	400-550	ECCE 1B53	DASHTI	20	25200
	012		LAB	TU	200-350	ECCE 1B53	DASHTI	20	25201
	013		LAB	M	400-550	ECCE 1B53	DASHTI	20	26497
CVEN 3718	010		GEOTECHNICAL ENGINEERING II	MWF	100-150	ECCR 105	PAK	60	27125
	011		LAB	TH	200-350	ECCE 1B53	PAK	20	27126
	012		LAB	W	200-350	ECCE 1B53	PAK	20	27127
	013		LAB	TH	400-550	ECCE 1B53	PAK	20	27128
CVEN 4087	001		ENGINEERING CONTRACTS	TUTH	1230-145	ECCR 105	MORRIS	60	26895
CVEN 4161	010	*	MECHANICS OF MATERIALS II	TUTH	930-1045	ECCR 1B51	XI	48**	25202
	011		LAB	M	600-850	ECCE 1B52	XI	48**	25203
CVEN 4333	001		ENGINEERING HYDROLOGY	MWF	300-350	CHEM 142	KASPRZYK	142	25204
CVEN 4383	001	*	GROUNDWATER MODELING	W	400-630	ECCR 151	NEUPAUER	48**	26979
CVEN 4424	001		ENV ORGANIC CHEMISTRY	TUTH	1100-1215	FLMG 156	RYAN	86	25205
CVEN 4434	001	*	ENV ENGR DESIGN (4.0)	TUTH	330-510	FLMG 156	CORWIN	60**	26980
CVEN 4484	001		ENV MICROBIOLOGY	TUTH	200-315	ECCR 105	REN	60	25206
CVEN 4545	001		STEEL DESIGN	TUTH	800-915	ECCR 245	HEARN	96	25207
CVEN 4834	001	*	SP TPC-WATER REUSE & RECLAMATION	M	1000-1240	ECCE 1B41	LINDEN	25**	38871

OTHER COURSES TAUGHT BY CEAE FACULTY

GEEN 1400		ENGINEERING PROJECTS					CHINOWSKY		
GEEN 1410		SOCIAL INNOVATION AND DESIGN					SILVERSTEIN		
							HANDOREAN		

OTHER REQUIRED COURSES LISTED TO PREVENT CONFLICTS

ARCH 3214	001	HISTORY & THEORIES OF ARCH II		TUTH	200-315				
GEEN 1300	100	ENGINEERING COMPUTING		MW	800-850				
GEEN 1300	200	ENGINEERING COMPUTING		MW	200-250				
GEEN 1300	300	ENGINEERING COMPUTING		MW	300-350				

DELETED

CVEN 6525	001	NONLINEAR ANALYSIS FRAMED STRUCT		TUTH	330-445	ECCR 108	SAOUMA	20	26724
AREN 4836	001	PROJECT MANAGEMENT 1		TUTH	1230-145	ECCE 1B41	JAVERNICK-WILL	27	33863
AREN 4830	002	* SP TPC-ARCHITECTURAL ACOUSTICS		MWF	1100-1150	ECCR 110	BEAMER	27**	33691

GRADUATE COURSES ARE LISTED ON PAGE 3

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BUILDING SYSTEMS									
CVEN 5010	001	*	HVAC SYSTEM MODELING & CONTROL	TUTH	930-1045	FLMG 103	HENZE	27**	33643
CVEN 5110	002	*	HVAC SYSTEM DESIGN	TUTH	1100-1215	FLMG 154	BRANDEMUEHL	84**	37629
CVEN 5830	001	*	SP TPC-LUMINOUS RADIATIVE TRANSFER	MWF	200-250	ECCR 116	BEAMER	27**	33688
CVEN 5830	002	*	SP TPC-ARCHITECTURAL ACOUSTICS	MWF	1100-1150	ECCR 110	BEAMER	27**	33810
CVEN 5830	003		SP TPC-CFD OF BUILDINGS & ENVIRONMENT	TUTH	1230-145	ECCE 1B47	ZHAI	20	26990
CIVIL SYSTEMS									
CVEN 5565	001		LIFE-CYCLE ENGINEERING	TUTH	930-1045	ECCR 150	COROTIS	56	25215
CVEN 5929	001		SUSTAINABLE COMMUNITY DEV II	M	1100-150	ECCE 1B47	KLEES	25	26884
CONSTRUCTION									
CVEN 5226	800		SAFETY AND QUALITY	M	300-550	ECCE 1B41	HALLOWELL	25	26498
			<i>Contact Professor Hallowell for permission to enroll.</i>						
CVEN 5246	001		LEGAL ASPECTS OF CONSTRUCTION	W	1200-230	ECCE 1B47	KARET	25	38377
CVEN 5836	002		SP TPC-BIM FOR CONSTRUCTION	TUTH	1230-145	ECCR 131	GOODRUM	27	38378
ENVIRONMENTAL									
CVEN 5424	001		ENV ORGANIC CHEMISTRY	MWF	100-150	ECCR 110	ROSARIO-ORTIZ	20	25210
CVEN 5434	001	*	ENV ENGR DESIGN (4.0)	TUTH	330-510	FLMG 156	CORWIN	60**	26981
CVEN 5484	001		ENV MICROBIOLOGY	TUTH	200-315	ECCE 1B41	HERNANDEZ	25	25211
CVEN 5524	001		WATER TREATMENT	TUTH	930-1045	ECCE 1B47	SUMMERS	20	26994
CVEN 5564	001		WATER PROF: LEADERSHIP & COMM	TH	330-645	ECEE 283	KUCHENRITHER	46	33812
CVEN 5834	001	*	SP TPC-WATER REUSE & RECLAMATION	M	1000-1240	ECCE 1B41	LINDEN	25**	33814
GEOTECH									
CVEN 5748	001		DESIGN OF EARTH STRUCTURES	MW	500-615	ECCR 131	ZNIDARCIC	27	27051
CVEN 5818	001		GEOTECH EARTHQUAKE ENGIN	MWF	1100-1150	KOBL 102	DASHTI	27	26987
CVEN 7718	001		ENGINEERING PROPS OF SOILS	TUTH	800-915	ECCR 116	MCCARTNEY	27	33815
MECHANICS									
CVEN 5131	001		CONTINUUM MECHANICS & ELASTICITY	MWF	900-950	ECCR 110	PAK	27	26518
CVEN 5161	010	*	ADVANCED MECHANICS OF MATERIALS 1	TUTH	930-1045	ECCR 1B51	XI	48**	36369
	011	*	LAB	M	600-850	ECCE 1B52	XI	48**	36370
STRUCTURES									
CVEN 5585	001		ADV TOPICS REINFORCED CONCRETE DES	TUTH	200-315	ECCE 1B47	HEARN	25	25216
CVEN 6595	001		EARTHQUAKE ENGINEERING	TUTH	1230-145	ECCR 139	LIEL	27	26727
CVEN 7161	001		FRACTURE MECHANICS	TUTH	330-445	ECCR 108	SAOUMA	20	37653
WATER									
CVEN 5383	001	*	GROUNDWATER MODELING	W	400-630	ECCR 151	NEUPAUER	48**	26874
CVEN 5343	001		TRANS/DISP SURFACE WATER	TUTH	330-445	ECCE 1B47	CRIMALDI	25	27074
CVEN 5454	001		QUANTITATIVE METHODS	TUTH	1100-1215	ITLL 1B50	BALAJI	48	25212
CVEN 6393	001		WATER RESOURCES SEMINAR (1.0)	W	1100-1150	ECCE 1B41	BALAJI	49	25213