

SPRING 2019 - 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.

February 21, 2019

CHANGES SINCE LAST PUBLISHED SCHEDULE ARE IN RED/BOLD

COURSE	SEC	CL	TITLE	DAY	TIME	BLDG/ROOM	INSTRUCTOR	CAP	CALL #
AREN 1027	010		ENGINEERING DRAWING	TUTH	800-915	ECCR 200	CAYKO/GORE	68	28561
	011		LAB	TUTH	915-1045	ECCE 141	CAYKO/GORE	34	28562
	012		LAB	TUTH	1050-1220	ECCE 141	CAYKO/GORE	34	30537
AREN 2110	001		THERMODYNAMICS	MWF	1100-1150	FLMG 154	HERNANDEZ	84	28563
AREN 2120	001		FLUID MECHANICS & HEAT TRANSFER	TUTH	1230-145	ECCR 155	ZHAI	48	30460
AREN 3060	001		ENVIRONMENTAL SYSTEMS FOR BUILDINGS II	TUTH	800-915	ECCR 110	WUJEK	27	28564
			<i>For ENVD students only</i>						
AREN 4045	002		ARCH STRUCTURES II FOR ARCH	TUTH	530-645	ENVD 102	KEELY	27	39512
AREN 4110	001	*	HVAC SYSTEM DESIGN	TUTH	1100-1215	ECCR 151	HENZE	27*	30094
			<u><i>Global Intensive - click link for more information</i></u>						
AREN 4317	001		AREN DESIGN (5.0)	MW	400-515	FLMG 154	VASCONEZ	48	28566
AREN 4317	001		ADDITIONAL REQUIRED MEETING TIME	F	300-450	ECCR 151	VASCONEZ	48	28566
			<i>Rec/Studio: XI, Al-Haddad (CEM)</i>						
AREN 4506	001		PROJECT MANAGEMENT 1	TUTH	1230-145	ECCR 151	WELFARE	48	30175
AREN 4550	001	*	ILLUMINATION II	MWF	100-150	ECCE 1B41	VASCONEZ	48*	30158
AREN 4560	001	*	LUMINOUS RADIATIVE TRANSFER	MWF	1000-1050	ECCE 1B41	SCHEIB	48*	30880
AREN 4606	001		PROJECT MANAGEMENT 2	TUTH	200-315	FLMG 33	MORRIS	60	30160
AREN 4830	001	*	SP TPC - LIGHTING CONTROLS	TUTH	330-445	ECCR 110	SCHEIB	27*	30862
AREN 4830	002	*	SP TPC - GRID CONNECTED SYSTEMS	TUTH	200-315	ECCR 131	BAKER	27*	30882
AREN 4830	004		SP TPC - ARCH DAYLIGHTING DESIGN (ENVD)	M	900-1130	ENVD 122	BURRELL	24	30861
			<i>For ENVD Lighting Certificate students only</i>						
AREN 4830	801		SP TPC-LIGHTING DESIGN CAPSTONE (ENVD)	M	500-750	ENVD 120	FITZGERALD	24	30502
			<i>For ENVD Lighting Certificate students only</i>						
CVEN 1027	010		CIVIL ENGRG DRAWING	TU	200-315	ECCR 245	ANDRYAUSKAS	48	32556
CVEN 1027	011		REC	TU	330-445	ECCE 141	ANDRYAUSKAS	24	32557
CVEN 1027	012		REC	TU	500-615	ECCE 141	ANDRYAUSKAS	24	32558
CVEN 2012	010		INTRO TO GEOMATICS	MF	1200-1250	ECCE 1B41	PFEFFER	48	32708
CVEN 2012	011		LAB	M	200-450	ECCE 1B47	PFEFFER	12	32709
CVEN 2012	012		LAB	TU	200-450	ECCE 1B47	PFEFFER	12	32710
CVEN 2012	013		LAB	W	200-450	ECCE 1B47	PFEFFER	12	32711
CVEN 2012	014		LAB	TH	200-450	ECCE 1B47	PFEFFER	12	32712
CVEN 2121	001		ANALYTICAL MECHANICS I (STATICS)	MWF	100-150	FLMG 157	XI	77	28567
CVEN 2837	003		SP TPC - INTRODUCTION TO GLOBAL ENGRG (1.0)	M	500-550	SEEC N128	THOMAS	60	40492
CVEN 3111	001		ANALYTICAL MECHANICS II (DYNAMICS)	MWF	1100-1150	ECCR 200	SONG	84	28568
CVEN 3161	010		MECHANICS OF MATERIALS I	MWF	900-950	ECCR 245	HUBLER	84	28569
CVEN 3161	011		LAB	W	200-350	ECCE 1B52	HUBLER	42	28570
CVEN 3161	012		LAB	W	400-550	ECCE 1B52	HUBLER	42	28571
CVEN 3227	001		PROBABILITY STATS AND DECISION	TUTH	930-1045	ECCR 1B40	COROTIS	138	28572
CVEN 3246	001		INTRO TO CONSTRUCTION	TUTH	1100-1215	FLMG 156	MORRIS	68	28573
CVEN 3256	001		CONSTRUCTION EQUIPMENT & METHODS	TUTH	1100-1215	FLMG 157	HALLOWELL	77	30638
CVEN 3256	400		CONSTRUCTION EQUIPMENT & METHODS	MW	1100-1215	CMU	CMU - TECHERA	20	36208
			<i>For CU-CMU partnership students only</i>						
CVEN 3313	010		THEORETICAL FLUID MECHANICS	TUTH	1230-145	ECCR 245	CRIMALDI	106	28574
CVEN 3313	011		REC	M	300-350	ECCR 265	CRIMALDI	106	28575
CVEN 3323	400		HYDRAULIC ENGINEERING	TUTH	900-1050	CMU	CMU - SHOLTES	20	36209
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CVEN 3414	001		FUND ENV ENGINEERING	MWF	1000-1050	FLMG 154	WRITER	84	28576
CVEN 3424	001		WATER/WASTEWATER TREATMENT	MWF	1200-1250	ECCR 105	LINDEN	68	28576
CVEN 3434	002		INTRO TO APPLIED ECOLOGY	MWF	230-320	SEEC N126	MCKNIGHT	48	28578
CVEN 3525	001		STRUCTURAL ANALYSIS	TUTH	800-915	ECCR 155	SAOUMA	48	28579
CVEN 3698	010		ENGINEERING GEOLOGY	MWF	800-850	ECCE 1B41	AMADEI	48	36210
CVEN 3708	010		GEOTECHNICAL ENGINEERING I	MW	300-415	ECCR 151	PAK	48	28580
CVEN 3708	011		LAB	TU	200-350	ECCE 1B53	PAK	24	29580
CVEN 3708	012		LAB	TH	400-550	ECCE 1B53	PAK	24	28581
CVEN 3718	010		GEOTECHNICAL ENGINEERING II	MWF	100-150	ECCR 155	POURAHMADIAN	48	29952
CVEN 3718	011		LAB	M	200-350	ECCE 1B53	POURAHMADIAN	24	29953
CVEN 3718	012		LAB	W	200-350	ECCE 1B53	POURAHMADIAN	24	29954
CVEN 4333	001		ENGINEERING HYDROLOGY	TUTH	1230-145	ECCR 105	KASPRZYK	68	28582
CVEN 4383	001	*	GROUNDWATER MODELING	W	400-630	ECCR 155	NEUPAUER	48*	29918
CVEN 4424	001	*	ENV ORGANIC CHEMISTRY	MWF	1000-1050	ECCR 150	ROSARIO-ORTIZ	64*	28583
CVEN 4434	001	*	ENV ENGR DESIGN (4.0)	TUTH	330-510	FLMG 154	BIELEFELDT/WALKER	77*	29919
CVEN 4484	001	*	ENV MICROBIOLOGY	TUTH	200-315	FLMG 156	HERNANDEZ	84*	28584
CVEN 4545	001		STEEL DESIGN	TUTH	800-915	ECCR 135	HEARN	48	28585
CVEN 4565	002	*	DESIGN OF WOOD STRUCTURES	M	515-745	HALE 230	SRUBAR	48*	32619
CVEN 4718	001	*	MECHANICS AND DYNAMICS OF GLACIERS	MWF	900-950	ECCE 1B41	PFEFFER	48*	40424
CVEN 4836	401		SP TPC - BUILDING INFORMATION MODELING <i>For CU-CMU partnership students only</i>	TUTH	1100-1215	CMU	CMU - TECHERA	20	39820
CVEN 4837	001	*	SP TPC-SYST APPROACH TO GLOBAL ENGRG	TUTH	800-915	ECCE 1B41	AMADEI	48*	30161
CVEN 4837	002	*	SP TPC - GLOBAL ENGINEERING (1.0)	W	300-530	SEEC N124	THOMAS	30	37757
CVEN 4897	400		PROFESSIONAL ISSUES IN CVEN (2.0) <i>For CU-CMU partnership students only</i>	MW	900-950	CMU	CMU - SHOLTES	20	38095
CVEN 4899	001		CIVIL ENGRG SENIOR PROJECT DESIGN (4.0) <i>Rec/Studio: Hubler, Balaji, Dashti, Adjunct</i>	TUTH	330-530	FLMG 156	MORRIS	84	30368
CVEN 4969	001		WATER & SANITATION IN DEVELOPING COUNTRIES	MW	300-415	ECCR 110	LINDEN	27	32801
EVEN 4424	001	*	ENV ORGANIC CHEMISTRY	MWF	1000-1050	ECCR 150	ROSARIO-ORTIZ	64*	30366
EVEN 4434	001	*	ENV ENGR DESIGN (4.0)	TUTH	330-510	FLMG 154	BIELEFELDT/WALKER	77*	30421
EVEN 4484	001	*	ENV MICROBIOLOGY	TUTH	200-315	FLMG156	HERNANDEZ	84*	30367
EVEN 4969	001	*	WATER & SANITATION IN DEVELOPING COUNTRIES	MW	300-415	ECCR 110	LINDEN	27	32804
<u>OTHER COURSES TAUGHT BY CEAE FACULTY</u>									
ENEN 4600	001		INTERDISCIPLINARY ENERGY ENGRG PROJECTS	TUTH	330-510	FLMG 154	BIELEFELDT/WALKER	6	32799
<u>OTHER REQUIRED COURSES LISTED TO PREVENT CONFLICTS</u>									
CSCI 1320	100		COMPUTER SCIENCE 1	MWF	800-850	MATH 100	TBD	324	30214
<u>CANCELED</u>									
CVEN 5837	003		SP TPC - SYST DYMS MODEL OF DEV PROJS (1.0) <i>Special 5 wk session (1/14-2/15)</i>	TUTH	330-445	ECCE 1B41	AMADEI	20	30981
CVEN 4838	001	*	SP TPC - MECHANICS AND DYNAMICS OF GLACIERS	MWF	900-950	ECCE 1B41	PFEFFER	48*	39618
CVEN 5838	001	*	SP TPC - MECHANICS AND DYNAMICS OF GLACIERS	MWF	900-950	ECCE 1B41	PFEFFER	48*	39619
CVEN 5604	001		UV AND ADVANCED OXIDATION	MWF	930-1020	SEEC N126	LINDEN	15	33984
CVEN 4833	001	*	SP TPC-OPEN CHANNEL HYDRAULICS <i>Special 8 wk 2nd session (3/7-5/3)</i>	TUTH	800-1030	ECCE 1B47	GOOSEFF	25*	30639
CVEN 5833	001	*	SP TPC-OPEN CHANNEL HYDRAULICS <i>Special 8 wk 2nd session (3/7-5/3)</i>	TUTH	800-1030	ECCE 1B47	GOOSEFF	25*	30488
CVEN 5837	001B		SP TPC - SYST APPROACH TO GLOBAL ENGRG	ONLINE			AMADEI	15	30887
CVEN 5830	004		SP TPC - CFD OF BUILDINGS & ENVIRONMENT	TUTH	930-1045	ECCR 110	ZHAI	20	32620

GRADUATE COURSES ARE LISTED ON PAGE 3

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BUILDING SYSTEMS									
AREN 5020	001		BUILDING ENERGY AUDITS	TUTH	1230-145	ECCR 110	KRARTI	27	37843
AREN 5110	001	*	HVAC SYSTEM DESIGN	TUTH	1100-1215	ECCR 151	HENZE	27*	30365
			<i>Global Intensive - click link for more information</i>						
CVEN 5830	001	*	ILLUMINATION II	MWF	100-150	ECCE 1B41	VASCONEZ	48*	30159
CVEN 5830	002	*	LUMINOUS RADIATIVE TRANSFER	MWF	1000-1050	ECCE 1B41	SCHEIB	48*	30881
CVEN 5830	003	*	SP TPC - LIGHTING CONTROLS	TUTH	330-445	ECCR 110	SCHEIB	27*	31244
CVEN 5830	005	*	SP TPC - GRID CONNECTED SYSTEMS	TUTH	200-315	ECCR 131	BAKER	27*	33586
CIVIL SYSTEMS									
CVEN 5837	001	*	SP TPC - SYST APPROACH TO GLOBAL ENGRG	TUTH	800-915	ECCE 1B41	AMADEI	48*	30162
CONSTRUCTION									
CVEN 5206	001		DESIGN DEVELOPMENT	M	500-750	ECCR 110	BURGESS	27	30778
CVEN 5346	001		MANAGING ENG ORGANIZATIONS	M	200-500	ECCE 1B41	JAVERNICK-WILL	25	30888
CVEN 5836	001		SP TPC-INFRASTRUCTURE ASSET MGNT	TUTH	1230-145	ITLL 1B50	TORRES-MACHI	27	30099
EDC									
CVEN 5929	001		SUSTAINABLE COMMUNITY DEV II	TUTH	230-345	SEEC N125	SALVINELLI	27	30768
CVEN 5929	001B		SUSTAINABLE COMMUNITY DEV II	ONLINE			SALVINELLI	15	31231
CVEN 5939	900		SCD PRACTICUM		-	-	KLEES	15	29869
CVEN 5837	002		SP TPC - FIELDWORK METH FOR DEVEL ENGRS	F	300-530	SEEC N124	SALVINELLI	27	31199
CVEN 5837	010	*	SP TPCS - GLOBAL ENGINEERING I (1.0)	W	300-530	SEEC N124	THOMAS	30	33959
CVEN 5837	011		LAB (Special 5 wk session (1/14-2/15))	W	530-700	SEEL 315A	THOMAS	30	36387
CVEN 5837	020		SP TPCS - GLOBAL ENGINEERING II (1.0)	W	300-530	SEEC N124	THOMAS	30	37760
CVEN 5837	021		LAB (Special 5 wk session (2/18-3/22))	W	530-700	SEEL 315A	THOMAS	30	37761
CVEN 5837	030		SP TPCS - GLOBAL ENGINEERING III (1.0)	W	300-530	SEEC N124	THOMAS	30	37763
CVEN 5837	031		LAB (Special 5 wk session (4/1-5/2))	W	530-700	SEEL 315A	THOMAS	30	37764
ENVIRONMENTAL									
CVEN/5434	001	*	ENV ENGR DESIGN	TUTH	330-510	FLMG 154	BIELEFELDT/WALKER	64*	29920
CVEN 5424	001	*	ENV ORGANIC CHEMISTRY	MWF	1000-1050	ECCR 150	ROSARIO-ORTIZ	64*	30767
CVEN 5484	001B		APPLIED MICROBIOLOGY & TOXICOLOGY	ONLINE			BILGIN	30	30913
CVEN 5524	001		WATER TREATMENT	TUTH	1000-1115	SEEC N125	SUMMERS	30	30505
CVEN 5524	001B		WATER TREATMENT	ONLINE			SUMMERS	15	32781
CVEN 5534	001		WASTEWATER TREATMENT	TUTH	100-215	SEEC N126	COOK	30	30894
CVEN 5564	001		WATER PROF: COMM. & FINANCE	W	330-615	ECCE 1B41	KUCHENRITHER	30	30019
CVEN 5564	001B		WATER PROF: COMM. & FINANCE	ONLINE			KUCHENRITHER	15	30439
CVEN 5834	001		SP TPC - ANALYTICAL MTHDS/STAT ANALYSIS	TUTH	400-515	SEEC S125	KORAK	15	30506
GEOTECH									
CVEN 5718	001	*	MECHANICS AND DYNAMICS OF GLACIERS	MWF	900-950	ECCE 1B41	PFEFFER	48*	40427
CVEN 5768	001		INTRO TO ROCK MECHANICS	MW	1100-1215	ECCE 1B47	AMADEI	25	33983
CVEN 5788	001		COMPUTATIONAL MODELING IN GEOTECH	TUTH	1230-145	ECCE 1B41	REGUEIRO	48	30897
CVEN 5788	001B		COMPUTATIONAL MODELING IN GEOTECH	ONLINE			REGUEIRO	15	30898
CVEN 7718	001		ENGINEERING PROPERTIES OF SOILS	TUTH	1100-1215	ECCR 131	ZHANG	25	30899
MECHANICS									
CVEN 5131	001		CONTINUUM MECHANICS & ELASTICITY	MWF	900-950	ECCR 116	PAK	20	29596
CVEN 5831	002		SP TPC - WAVE-BASED METHODS & APPS	MW	430-545	ECCR 116	POURAHMADIAN	20	30503
CVEN 6511	001		NONLINER FEA SOLIDS & POROUS	TUTH	930-1045	ECCE 1B41	REGUEIRO	27	30890
CVEN 6511	001B		NONLINER FEA SOLIDS & POROUS	ONLINE			REGUEIRO	15	32958
STRUCTURES									
CVEN 5565	001		LIFE-CYCLE ENGINEERING	TUTH	330-445	ECCR 151	COROTIS	27	28588
CVEN 5585	001		ADV TOPICS REINFORCED CONCRETE DES	TUTH	200-315	ECCR 110	HEARN	27	30776
CVEN 5835	001	*	SP TPC-DESIGN OF WOOD STRUCTURES	M	515-745	HALE 230	SRUBAR	48*	31171
CVEN 5835	002		SP TPC-INDUCED SEISMICITY SEMINAR	M	330-420	ECCR 105	LIEL	20	39893
CVEN 6525	003	*	NONLINER ANALYSIS	TUTH	1100-1215	ECCE 1B47	SAOUMA	49	40685
CVEN 6595	001	*	EARTHQUAKE ENGINEERING	TUTH	1100-1215	ECCE 1B47	SAOUMA	49	40687

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WATER									
CVEN 5363	010		MODELING OF HYDROLOGIC SYSTEMS	M	900-1050	ECCE 1B47	LIVNEH	25	30900
CVEN 5363	011		LAB	W	900-1050	ECCE 1B47	LIVNEH	25	30901
CVEN 5383	001	*	GROUNDWATER MODELING	W	400-630	ECCR 155	NEUPAUER	48*	29872
CVEN 5393	001		WATER/RESOURCE DEVELOPMENT/MGMT	M	300-530	SEEC N124	KASPRZYK	30	33985
CVEN 5454	001		STATISTICAL METH FOR NATURAL/ENGRD SYS	TUTH	1100-1215	ECCE 1B41	BALAJI	48	28586
CVEN 6393	001		WATER RESOURCES SEMINAR (1.0)	W	1100-1150	ECCE 1B41	BALAJI	48	28587