

SPRING 2020 - SCHEDULE OF COURSES  
CIVIL, ENVIRONMENTAL, & ARCHITECTURAL ENGINEERING

Courses are 3 credits unless otherwise noted. \*cross-listed course \*\*combined cap for both cross-listed sections.  
updated Jan 9, 2020 (changes are in **red font**)

COURSE	SEC	CL	TITLE	DAY	TIME	BLDG/ROOM	INSTRUCTOR	CAP	CALL #
AREN 1027	010		ENGINEERING DRAWING	TUTH	8:00-9:15	ECCR 200	CAYKO/GORE	68	27591
AREN 1027	011		LAB	TUTH	9:15-10:45	ECCE 141	CAYKO/GORE	34	27592
AREN 1027	012		LAB	TUTH	10:50-12:20	ECCE 141	CAYKO/GORE	34	29040
AREN 2110	001		THERMODYNAMICS	MWF	11:00-11:50	FLM 156	ZUO	84	27593
<b>AREN 2120</b>	<b>001</b>		<b>FLUID MECHANICS &amp; HEAT TRANSFER</b>	<b>TUTH</b>	<b>11:00-12:15</b>	<b>ECCR 105</b>	<b>ZHAI</b>	<b>48</b>	<b>28978</b>
AREN 2830	001		(1) SP TPC: HEAT TRANSFER	TUTH	11:00-12:15	<b>ECCR 105</b>	ZHAI	48	37627
AREN 3040	001		CIRCUITS FOR ARCHITECTURAL ENGINEERS	MWF	2:00-2:50	ECCE 1B41	BAKER	27	35983
AREN 3060	001		ENVIRONMENTAL SYSTEMS FOR BUILDINGS II	TUTH	8:00-9:15	ECCR 110	WUJEK	27	27594
			<i>For ENVD students only</i>						
AREN 3540	001		ILLUMINATION I	MWF	10:00-10:50	ECCR 151	<b>SCHEIB</b>	48	35957
						KIT CENTRAL N			
AREN 4110	001	*	HVAC System Design	TUTH	9:30-10:45	252	HENZE	27**	28691
AREN 4130	001	*	OPTICAL DESIGN	MW	5:30-6:45	ECCR 131	JONGEWAARD	27**	35965
AREN 4315	001	*	DESIGN OF MASONRY STRUCTURES	TUTH	9:30-10:45	ECCE 1B41	HUBLER	48	35967
AREN 4317	001		AREN DESIGN (5.0)	MW	4:00-5:15	ECCR 135	<b>VASCONEZ</b>	48	27595
AREN 4317	001		ADDITIONAL REQUIRED MEETING TIME	F	3:00-4:50	ECCR 1B51	<b>VASCONEZ</b>	48	27595
			<i>Rec/Studio: XI, KRARTI, ZUO, Ph.D. std (CEM)</i>			xxx			
AREN 4506	001		PROJECT MANAGEMENT 1	TUTH	12:30-1:45	ECCR 135	TORRES-MACHI	48	28744
AREN 4550	001	*	ILLUMINATION II	MF	10:00-11:15	ECCE 1B41	VASCONEZ	48*	28745
AREN 4606	001		PROJECT MANAGEMENT 2	TUTH	2:00-3:15	FLMG 33	MORRIS	60	28747
AREN 4830	001	*	SP TPC: LIGHTING CONTROLS	TUTH	3:30-4:45	ECCR 110	SCHEIB	27**	29241
AREN 4830	002	*	SP TPC: FORENSIC ENGINEERING	M	3:00-5:30	ECCR 131	SRUBAR	48	29252
AREN 4830	008		SP TPC: ARCHITECTURAL STUDIO	TH	8:00-10:50	FLEM 33	PAPPAS	48	41272
AREN 4830	004		SP TPC: ARCH DAYLIGHTING DESIGN (ENVD)	M	9:00-11:30	ENVD 120	BURRELL	24	29240
			<i>For ENVD Lighting Certificate students only</i>			xxx			
AREN 4830	<b>007</b>		SP TPC: RESIDENTIAL DESIGN-BUILD II	TH	<b>6:00-8:50</b>	SEEC, N129	SCHEIB	30	33197
AREN 4830	006	*	DISTRIBUTED ELECTRICITY GENERATION	TUTH	12:30-1:45	ECCR 110	KRARTI	27	41227
AREN 4830	801		SP TPC: LIGHTING DESIGN CAPSTONE (ENVD)	M	5:00-7:50	ECCR 108	<b>FITZGERALD</b>	24	29006
			<i>For ENVD Lighting Certificate students only</i>			xxx		24	
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CVEN 1027	010		CIVIL ENGRG DRAWING	TU	2:00-3:15	ECCR 245	ANDRYAUSKAS	48	29473
CVEN 1027	011		REC	TU	3:30-4:45	ECCE 141	ANDRYAUSKAS	24	29474
CVEN 1027	012		REC	TU	5:00-6:15	ECCE 141	ANDRYAUSKAS	24	29475
CVEN 2012	010		INTRO TO GEOMATICS	MF	12:00-12:50	ECCE 1B41	PFEFFER	48	29496
CVEN 2012	011		LAB	M	2:00-4:50	1B61/hallway	PFEFFER	12	29497
CVEN 2012	012		LAB	TU	2:00-4:50	1B61/hallway	PFEFFER	12	29498
CVEN 2012	013		LAB	W	2:00-4:50	1B61/hallway	PFEFFER	12	29499
CVEN 2012	014		LAB	TH	2:00-4:50	1B61/hallway	PFEFFER	12	29500
CVEN 2121	001		ANALYTICAL MECHANICS I (STATICS)	MWF	1:00-1:50	FLM 154	XI	77	27596
CVEN 2837	001		(1) SP TPC: INTRODUCTION TO GLOBAL ENGRG	M	5:00-7:30	SEEC, S125	THOMAS	60	29758
			<i>first 5-week session 1/13-2/14</i>						
CVEN 3111	001		ANALYTICAL MECHANICS II (DYNAMICS)	MWF	11:00-11:50	FLM 157	SONG	84	27597
CVEN 3161	010		MECHANICS OF MATERIALS I	MWF	9:00-9:50	FLM 154	HUBLER	84	27598
CVEN 3161	011		LAB	W	2:00-3:50	ECCE 1B52	HUBLER	42	27599
CVEN 3161	012		LAB	W	4:00-5:50	ECCE 1B52	HUBLER	42	27600
CVEN 3227	001		PROBABILITY STATS AND DECISION	TUTH	9:30-10:45	ECCR 1B40	COROTIS	138	27601
<b>CVEN 3246</b>	<b>002</b>		<b>INTRO TO CONSTRUCTION</b>	<b>TUTH</b>	<b>5:00-6:15</b>	<b>ECCE1B41</b>	<b>SENSENEY</b>	<b>25</b>	<b>42105</b>
CVEN 3256	001		CONSTRUCTION EQUIPMENT & METHODS	TUTH	11:00-12:15	FLM 156	TBA	77	29113
CVEN 3313	010		THEORETICAL FLUID MECHANICS	TUTH	12:30-1:45	<b>CHEM 140</b>	CONNOR	106	27603
CVEN 3313	011		REC	M	3:00-3:50	<b>ECCR 265</b>	CONNOR	106	27604
			<i>For CU-CMU partnership students only</i>			xxx			
CVEN 3414	001		FUND ENV ENGINEERING	MWF	10:00-10:50	FLM 154	MILLER	60	27605
CVEN 3414	002		FUND ENV ENGINEERING	MWF	2:00-2:50	RAMY N1B23	STRAUB	60	39367

CVEN 3424 001	WATER/WASTEWATER TREATMENT	MWF	11:00-11:50	ECCR 105	LINDEN	68	27606
CVEN 3434 001	INTRO TO APPLIED ECOLOGY	MWF	2:30-3:20	SEEC, N126	MCKNIGHT	30	27607
CVEN 3525 001	STRUCTURAL ANALYSIS	TUTH	8:00-9:15	ECCE 1B41	GHOSH	48	27608
CVEN 3698 010	ENGINEERING GEOLOGY	MWF	1:00-1:50	ECCE1B41	PFEFFER	30	29572
CVEN 3708 010	GEOTECHNICAL ENGINEERING I	MWF	11:00-11:50	ECCR 131	PAK	30	27609
CVEN 3708 011	LAB	TU	2:00-3:50	ECCE 1B53	PAK	24	28318
CVEN 3708 012	LAB	TH	4:00-5:50	ECCE 1B53	PAK	24	27610
CVEN 3718 010	GEOTECHNICAL ENGINEERING II	MWF	1:00-1:50	ECCR 155	POURAHMADIAN	48	28577
CVEN 3718 011	LAB	M	2:00-3:50	ECCE 1B53	POURAHMADIAN	24	28578
CVEN 3718 012	LAB	W	2:00-3:50	ECCE1B53	POURAHMADIAN	24	28579
CVEN 4333 001	ENGINEERING HYDROLOGY	TUTH	12:30-1:45	FLM 156	KASPRZYK	68	27611
CVEN 4424 001 *	ENV ORGANIC CHEMISTRY	TUTH	11:00-12:15	FLM 157	RYAN	64**	27612
CVEN 4434 001 *	ENV ENGR DESIGN (4)	TUTH	3:30-5:10	FLM 156	Biefeldt, Walker, Becker	77**	28548
CVEN 4484 001 *	ENV MICROBIOLOGY	TUTH	2:00-3:15	FLM 154	HERNANDEZ	84**	27613
CVEN 4545 001	STEEL DESIGN	TUTH	8:00-9:15	ECCR 151	HEARN	48	27614
<b>CVEN 4728 001 *</b>	<b>FOUNDATION ENGINEERING</b>	<b>TTTh</b>	<b>9:30-10:45</b>	<b>ECCE 1B47</b>	<b>TIZNADO AITKEN</b>	<b>23</b>	<b>42309</b>
CVEN 4834 001 *	SP TPCS: SOLID WASTE	MWF	9:00-9:50	ECCE 1B41	MANSFELDT	40**	36015
CVEN 4834 002 *	SP TPCS: EVIRINMENTL IMPACT ASSESSMENT	TUTH	2:00-3:15	ECCE 1B41	ALMEIDA-GUERRA	25**	39137
CVEN 4837 001 *	SP TPC: SYST APPROACH TO GLOBAL ENGRG	TUTH	8:00-9:15	ECCR 135	AMADEI	48**	28748
CVEN 4837 002	(1) SP TPCS: COMMUNITY APPRAISAL 1st 5 wk session (1/13-2/14)	W	3:00-7:00	SEEL 315	SALVINELLI	30	29644
CVEN 4837 003	(1) SP TpcS: DATA COLLECTION TOOLS 2nd 5-weeks 2/17-3/20	W	3:00-7:00	SEEL 315	THOMAS/SALVINELLI	30	37672
CVEN 4837 004 *	(1) SP TPCS: DATA ANALYTICS FOR DEVELOPMENT 3rd 5-week session 3/30-4/30	W	3:00-7:00	SEEL 315	THOMAS	30	37673
<b>CVEN 4837 005</b>	<b>(1) SP TPC: Outdoor Lighting, site visit</b>		<b>off campus</b>		<b>VASCONEZ</b>	<b>24</b>	<b>in process</b>
CVEN 4899 001	(4) CIVIL ENGRG SENIOR PROJECT DESIGN Rec/Studio: Liel, Balaji, Regeiro?, Adjunct	TUTH	3:30-5:30	FLM 154	MORRIS	84	28924
CVEN 4969 001 *	WATER & SANITATION IN DEVELOPING COUNTRIES	MW	3:00-4:15	ECCR 110	LINDEN	27	29503
EVEN 4424 001 *	ENV ORGANIC CHEMISTRY	TUTH	11:00-12:15	FLM 157	RYAN	64**	205628
EVEN 4434 001 *	(4) ENV ENGR DESIGN	TUTH	3:30-5:10	FLM 156	Biefeldt, Walker, Becker	77**	205629
EVEN 4484 001 *	ENV MICROBIOLOGY	TUTH	2:00-3:15	FLM 154	HERNANDEZ	84**	205632
EVEN 4969 001 *	WATER & SANITATION IN DEVELOPING COUNTRIES	MW	3:00-4:15	ECCR 110	LINDEN	27	208186
<b>COLORADO MESA UNIVERSITY courses</b>							
CVEN 3227 400	Probability & Statistics	TR	2:00-3:15		J. SHOLTES	20	
CVEN 3256 400	Construction Equipment & Methods	MWF	9:00-9:50		TECHERA	20	
CVEN 3323 400	Hydraulics	MW	10:00-11:50		J. SHOLTES	20	
CVEN3424 400	Water & Waste Treatment	MW	9:00-10:50		K. SHOLTES	20	
CVEN4545 400	Steel Design	MW	11:00-12:15		TECHERA	20	
CVEN4555 400	CVEN Tech Elective: Reinforced Concrete Design	TR	11:00-12:15		TECHERA	20	
CVEN4899 400	CE Design Project (4)	TR	9:00-10:50		J. SHOLTES	20	
<b>BUILDING SYSTEMS</b>							
AREN 5060 001 *	DISTRIBUTED ELECTRICITY GENERATION	TUTH	12:30-1:45	ECCR 110	KRARTI	27	39278
AREN 5130 001 *	OPTICAL DESIGN	MW	5:30-6:45	ECCR 131	JONGEWAARD	25**	36094
<b>AREN 5650 001 *</b>	<b>FORENSIC ENGINEERING</b>	<b>M</b>	<b>3:00-5:30</b>	<b>ECCR 131</b>	<b>SRUBAR</b>	<b>48</b>	<b>42012</b>
CVEN 5830 001 *	SP TPC: ILLUMINATION 2	MF	10:00-11:15	ECCE 1B41	VASCONEZ	48**	28746
<b>AREN 5110 001 *</b>	<b>HVAC System Design</b>	<b>TUTH</b>	<b>9:30-10:45</b>	<b>KIT CENTRAL N 252</b>	<b>HENZE</b>	<b>27**</b>	<b>28691</b>
CVEN 5830 003 *	SP TPC: LIGHTING CONTROLS	TUTH	3:30-4:45	ECCR 110	SCHEIB	27**	29453
CVEN 5830 004	SP TPC: GRID CONNECTED SYSTEMS	TUTH	2:00-3:15	ECCR 110	BAKER	27	31902
<b>CIVIL SYSTEMS</b>							
CVEN 5565 001	LIFE-CYCLE ENGINEERING	TUTH	3:30-4:45	ECCR 155	COROTIS	48	27617
CVEN 5835 001 *	SP TPC: MASONRY DESIGN	TUTH	9:30-10:45	ECCE 1B41	HUBLER	48	29412
<b>CONSTRUCTION</b>							
CVEN 5346 001	MANAGING ENG ORGANIZATIONS	M	11:00-2:00	ECCE 1B47	JAVERNICK-WILL	25	29253

CVEN 5226	001	CONSTRUCTION SAFETY	M	3:00-5:50	ECCR 139	HALLOWELL	27	36016
CVEN 5286	001	DESIGN OF CONSTRUCTION OPERATION	TUTH	11:00-12:15	ECCE 1B47	GOODRUM	20	36017
EDC								
CVEN 5837	002	(1) SP TPC: PROGRAM AND PROJECT MGMT 1st 5-weeks 1/13-2/14	TTH	5:30-6:45	SEEC S-125	SALVINELLI	27	29427
CVEN 5837	004	(1) SP TPC: SOLUTION IDENTIFICATION AND PROPOSAL WRITING 2nd 5-weeks 2/17-3/20	TTH	5:30-6:45	SEEC S-125	SALVINELLI	30	29645
CVEN 5837	005	(1) SP TPC: COMMUNITY APPRAISAL 1st 5-weeks 1/13-2/14	W	3:00-7:00	SEEL 315	SALVINELLI	30	29647
CVEN 5837	006	(1) SP TPC: DATA COLLECTION TOOLS 2nd 5-weeks 2/17-3/20	W	3:00-7:00	SEEL 315	THOMAS/SALVINELLI	30	29648
CVEN 5837	007	* (1) SP TPC: DATA ANALYTICS FOR DEVELOPMENT 3rd 5-weeks 3/30-4/30	W	3:00-7:00	SEEL 315	THOMAS	30	36308
CVEN 5837	001	* SP TPC: SYST APPROACH TO GLOBAL ENGRG	TUTH	8:00-9:15	ECCR 135	AMADEI	48**	28749
ENVIRONMENTAL								
CVEN 5424	001	ENV ORGANIC CHEMISTRY	TUTH	11:00-12:15	FLM 157	RYAN Biefeldt, Walker, Becker	30	42332
CVEN 5434	001	* (4) ENV ENGR DESIGN	TUTH	3:30-5:10	FLM 156		77**	28549
CVEN 5454	001	STATISTICAL METH FOR NATURAL/ENGRD SYS	TUTH	11:00-12:15	ECCE 1B41	BALAJI	48	27615
CVEN 5524	001	WATER TREATMENT	TUTH	10:00-11:15	SEEC N125	SUMMERS	30	29009
CVEN 5524	001B	WATER TREATMENT		ONLINE	distance	SUMMERS	15	29501
CVEN 5534	001	WASTEWATER TREATMENT	TUTH	1:00-2:15	SEEC N126	SILVERSTEIN	30	29256
CVEN 5564	001	WATER PROF: COMM & FINANCE	W	3:30-6:15	ECCE 1B41	KUCHENRITHER	30	28636
CVEN 5564	001B	WATER PROF: COMM & FINANCE		ONLINE	distance	KUCHENRITHER	15	28965
CVEN 5544	001	* SOLID WASTE	MWF	9:00-9:50	ECCE1B41	MANSFELDT	40**	36313
CVEN 5834	001	SP TPC: ANALYTICAL METHODS IN ENV ENGRG	TUTH	4:00-5:15	SEEC S-125	KORAK	15	29010
CVEN 5834	002	SP TPC: WATER REUSE PLANNING & IMPLMTION	M	4:00-6:30	ECCE 1B41	PARKER	20	33224
CVEN 5834	002B	SP TPC: WATER REUSE PLANNING & IMPLMTION		ONLINE	distance	PARKER	20	33225
CVEN 5834	003	* SP TPCS: EVIR IMPACT ASSESSMENT	TUTH	2:00-3:15	ECCE 1B41	ALMEIDA-GUERRA	25**	39136
GEOTECH								
CVEN 5628	001	SEEPAGE AND SLOPES	TUTH	4:30-5:45	ECCE 1B47	ZHANG	20	36018
CVEN 5728	001	* FOUNDATION ENGINEERING	TTH	9:30-10:45	ECCE 1B47	TIZNADO AITKEN	23	42310
CVEN 5788	001	COMPUTATIONAL MODELING IN GEOTECH	TUTH	12:30-1:45	ECCE 1B41	REGUEIRO	48	29257
CVEN 5788	001B	COMPUTATIONAL MODELING IN GEOTECH		ONLINE	distance	REGUEIRO	15	29258
MECHANICS								
CVEN 5131	001	CONTINUUM MECHANICS & ELASTICITY	MWF	9:00-9:50	ECCR 1B08	PAK	20	28329
CVEN 6511	001	NONLINER FEA SOLIDS & POROUS	TUTH	9:30-10:45	ECCR 110	SONG	27	29254
CVEN 7161	001	FRACTURE MECHANICS	TUTH	2:00-3:15	ECCE 1B47	SAOUMA	24	36019
CVEN 5831	001	SP TPC: WAVE-BASED METHODS & APPS	MW	4:30-5:45	ECCR 116	POURAHMADIAN	20	29007
STRUCTURES								
CVEN 5585	001	ADVANCED CONCRETE DESIGN/adv tpcs in Ref cc	TUTH	11:00-12:15	KIT CNTRL S-163	HEARN	20	29182
CVEN 6595	001	EARTHQUAKE ENGINEERING	TUTH	12:30-1:45	ECCE 1B47	LIEL	25	29767
WATER								
CVEN 5343	001	TRANSPORT AND DISPERSION IN SURFACE WATER	MW	3:30-4:45	SEEC C-315	CRIMALDI	18	33199
CVEN 5363	010	MODELING OF HYDROLOGIC SYSTEMS	M	9:00-10:50	ECCE 1B47	LIVNEH	25	29260
CVEN 5363	011	LAB	W	9:00-10:50	ECCE 1B47	LIVNEH	25	29261
CVEN 6393	001	(1) WATER RESOURCES SEMINAR	W	11:00-11:50	ECCE 1B41	BALAJI	48	27616
CVEN 5393	001	WATER/RESOURCE SYSTEM & MGMT	TUTH	8:30-9:45	SEEC N125	KASPRZYK	30	29561
CVEN 5393	001	WATER/RESOURCE SYSTEM & MGMT		ONLINE	distance	KASPRZYK	30	29561
CANCELLED CLASSES								
CVEN 5836	001	SP TPC - DISCRETE EVENT AND BUILDING INFO MOI	TUTH	2:00-3:15	ECCE 1B41	GOODRUM	20	28694

AREN 5020 001	BUILDING ENERGY AUDITS	TUTH	12:30-1:45	ECCR-110	KRARTI	27	29651
CVEN 5206 001	DESIGN DEVELOPMENT	M	5:00-7:50	ECCR-110	TBD	27	29183
<b>CVEN 5830 002</b>	<b>SP-TPC: INTELLIGENT BUILDING OPERATIONS</b>	<b>TU</b>	<b>3:30-6:00</b>	<b>ECCR-139</b>	<b>HENZE</b>	<b>20</b>	<b>29251</b>
CVEN 5484 001B	APPLIED MICROBIOLOGY & TOXICOLOGY	ONLINE	2:30-3:45	SEEC-N125	BILGIN	30	29269