

FALL 2021 - 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

P = In person
OL=Online (asynchronous)
R=Remote (synchronous)

9.2.2021

CHANGES ARE IN RED/BOLD

COURSE	SEC	CL	INSTR. MODE	TITLE	DAY	TIME	BLDG/ROOM	INSTRUCTOR	ENROLL CAP	CLASS #
AREN 1027	010		P	ENGINEERING DRAWING	T/R	8.00-9.15	ECCR 200	CAYKO/GORE	96	25309
	011		P	LAB	T/R	9.35-11.05	ECCE 141	CAYKO/GORE	48	25310
	012		P	LAB	T/R	11.25-12.55	ECCE 141	CAYKO/GORE	48	25311
AREN 1316	001		P	INTRO TO ARCHITECTURAL ENGINEERING	M	11.30-12.20	ECCR 151	AREHART	48	27625
AREN 2050	001		P	BUILDING MATERIALS & SYSTEMS	T/R	3.55-5.10	ECCR 150	MORRIS	50	26970
AREN 2110	001	*	P	THERMODYNAMICS	MWF	300-350	ECCS 201	HERNANDEZ	106**	25312
AREN 3010	001		P	ENERGY EFFICIENT BUILDINGS	T/R	2.20-3.35	ECCR 1B55	ZHAI	48	25313
AREN 3440	001		P	ARCHITECTURAL DAYLIGHTING DESIGN	T/R	355-510	ECCE 1B41	BEAMER	30	34282
AREN 4080	001		P	ARCHITECTURAL DESIGN STUDIO 2 (2)	MW	410-640	ECCR 135	AREHART	45	34928
AREN 4130	001	*	P	OPTICAL DESIGN: ILLUMINATION	T/R	530-645	ECCE 1B41	JONGEWAARD	27**	34170
AREN 4318	001		P	ARCHITECTURAL ENGINEERING (AREN) DESIGN 1	MWF	1020-1110	ECCR 1B55	AREHART	48	38944
AREN 4506	002		P	CONSTRUCTION ESTIMATING & SCHEDULING	T/R	1110-1225	FLMG 156	JAVERNICK-WILL	56	27032
AREN 4550	001	*	P	ILLUMINATION 2	T/R	1245-200	ECCE 1B41	VASCONEZ	49**	28527
AREN 4570	001	*	P	ELECTRICAL SYSTEMS 1	T/R	3.55-5.10	ECCR 151	BAKER	48*	27147
AREN 4620	001	*	P	ADAPTIVE LIGHTING SYSTEMS	MW	150-305	ECCE 1B41	SCHEIB	35**	38926
AREN 4890	001	*	P	SUSTAINABLE BUILDING DESIGN	T/R	1110-1225	ECCR 1B55	ZUO	24**	27451
CVEN 1317	001		P	INTRO TO CVEN (1)	T	220-310	ECCE 1B12	BIELEFELDT	80	25335
CVEN 2012	010		P	INTRO TO GEOMATICS	MF	1240-130	ECCE 1B41	PFEFFER	46	27543
	011		P	LAB	M	150-440	ECCE 1B47	PFEFFER	11	27544
	012		P	LAB	T	1245-335	ECCE 1B47	PFEFFER	13	27545
	013		P	LAB	W	1240-330	ECCE 1B47	PFEFFER	11	27546
	014		P	LAB	R	1245-335	ECCE 1B47	PFEFFER	11	27547
CVEN 2121	001		P	ANALYTICAL MECHANICS I (STATICS)	MWF	910-1000	ECCR 200	SONG	106	25314
CVEN 2837	001		P	RAP - SP TPC-INTRO TO GLOBAL ENGINEERING	T/R	1245-200	KCEN N114A	THOMAS	72	28906
CVEN 2837	002		P	RAP - SP TPC-INTRO TO GLOBAL ENGINEERING	T/R	220-335	KCEN N114A	THOMAS	72	28907
CVEN 3161	010		P	MECHANICS OF MATERIALS I	MWF	910-1000	ECCR 151	HUBLER	48	25315
	011		P	LAB	W	300-450	ECCE 1B52	HUBLER	24	25316
	012		P	LAB	W	520-710	ECCE 1B52	HUBLER	24	25317
CVEN 3246	001		P	INTRO TO CONSTRUCTION	T/R	1110-1225	ECCR 200	MORRIS	96	25333
CVEN 3256	001		P	CONSTRUCTION EQUIP METHODS	T/R	220-335	ECCR 155	SENSENEY	48	25334
CVEN 3323	010		R	HYDRAULIC ENGINEERING	T/R	935-1050	remote	NEUPAUER	106	25319
	011		P	LAB	F	800-850	ITLL 2B10	NEUPAUER	21	25320
	012		P	LAB	F	1020-1110	ITLL 2B10	NEUPAUER	22	25321
	013		P	LAB	F	1130-1220	ITLL 2B10	NEUPAUER	21	25322
	014		P	LAB	F	150-240	ITLL 2B10	NEUPAUER	21	25323
	015		P	LAB	F	300-350	ITLL 2B10	NEUPAUER	21	25324
CVEN 3414	001		R	FUND ENV ENGINEERING	T/R	1245-200	remote	MASTERS	106	25326
CVEN 3525	001		R	STRUCTURAL ANALYSIS	MWF	910-1000	remote	HEARN	106	25330
CVEN 3602	001		P	TRANSPORTATION SYSTEMS	T/R	800-915	ECCR 1B51	TORRES-MACHI	25	28399
CVEN 3698	001		P	ENGINEERING GEOLOGY	MWF	800-850	ECCR 1B51	AMADEI	48	28549
CVEN 3708	010		P	GEOTECHNICAL ENGINEERING I	T/R	220-335	ECCR 150	DASHI	64	27042
	011		P	LAB	M	150-340	ECCE 1B53	DASHI	21	26832
	012		P	LAB	W	1130-120	ECCE 1B53	DASHI	22	27043
	013		P	LAB	W	150-340	ECCE 1B53	DASHI	21	26833
CVEN 3718	010		P	GEOTECHNICAL ENGINEERING II	T/R	220-335	ECCE 1B41	MADABHUSHI	46	25337
	011		P	LAB	F	300-450	ECCE 1B53	MADABHUSHI	23	25338
	012		P	LAB	F	520-710	ECCE 1B53	MADABHUSHI	23	26937
CVEN 3837	001		P	SP TPC-ADVANCED AUTOCAD	T	355-625	ECCE 141	ANDRYAUSKAS	28	28382
CVEN 4147	001	*	P	CIVIL ENGINEERING SYSTEMS	T/R	800-915	ECCE 1B47	SILVERSTEIN	22**	25336
CVEN 4161	010	*	P	MECHANICS OF MATERIALS 2	MWF	910-1000	ECCR 1B55	XI	48**	27148
	011	*	P	LAB	M	1240-330	DLC 1B70	XI	48**	28589
CVEN 4333	001		P	ENGINEERING HYDROLOGY	T/R	1110-1225	FLMG 154	LIVNEH	64	27344
CVEN 4353	001	*	P	GROUNDWATER ENGINEERING	T/R	800-915	ECCR 245	NEUPAUER	86**	28196
CVEN 4404	001	*	P	WATER CHEMISTRY (3)	MWF	1020-1110	DUAN G125	BOLHARI	64**	25327
CVEN 4414	004	*	P	WATER CHEMISTRY LAB (1)	M	440-730	SEEL 315	BOLHARI	16**	27495
CVEN 4414	001	*	P	WATER CHEMISTRY LAB (1)	T	410-700	SEEL 315	BOLHARI	16**	25328
CVEN 4414	002	*	P	WATER CHEMISTRY LAB (1)	W	440-730	SEEL 315	BOLHARI	16**	25329
CVEN 4414	003	*	P	WATER CHEMISTRY LAB (1)	R	410-700	SEEL 315	BOLHARI	16**	27007
CVEN 4464	001	*	P	ENVIRONMENTAL ENGINEERING PROCESSES	MWF	910-1000	ECCR 105	KORAK	64**	26955
CVEN 4511	001	*	P	INTRO TO FINITE ELEMENT ANALYSIS	T/R	935-1050	ECCE 1B41	REGUEIRO	46**	27054
CVEN 4525	001	*	P	MATRIX STRUCTURAL ANALYSIS	T/R	1110-1225	ECCE 1B47	SAOUMA	22**	25331
CVEN 4555	001		P	REINF CONCRETE DESIGN	T/R	800-915	ITLL 2B10	LIEL	102	26938
CVEN 4834	001	*	P	SP TPC-SOLID WASTE	MWF	940-1030	SEEC N129	MANSFELDT	20**	38930
CVEN 4837	004	*	P	SP TPC-WATER, SANITATION & HYGIENE	T/R	250-405	SEEC N128	KLEES	35**	28633
CVEN 4897	002		P	PROFESSIONAL ISSUES IN CVEN (2)	T/R	1245-200	BESC 180	SENSENEY	84	28587
EVEN 1000	001		P	INTRO TO EVEN (1)	R	220-310	FLMG 157	RYAN	86	25441
EVEN 3012	001	*	P	THERMODYNAMICS	MWF	300-350	ECCS 201	HERNANDEZ	106**	28153
EVEN 3550	001		P	SUSTAINABILITY PRINCIPLES FOR ENGINEERS	MWF	1130-1220	ECCS 1B12	COOK	94	28572
EVEN 4404	001	*	P	WATER CHEMISTRY (3)	MWF	1020-1110	DUAN G125	BOLHARI	64**	27164
EVEN 4414	004	*	P	WATER CHEMISTRY LAB (1)	M	440-730	SEEL 315	BOLHARI	16**	27496
EVEN 4414	001	*	P	WATER CHEMISTRY LAB (1)	T	410-700	SEEL 315	BOLHARI	16**	27165
EVEN 4414	002	*	P	WATER CHEMISTRY LAB (1)	W	440-730	SEEL 315	BOLHARI	16**	27166
EVEN 4414	003	*	P	WATER CHEMISTRY LAB (1)	R	410-700	SEEL 315	BOLHARI	16**	27167
EVEN 4464	001	*	P	ENVIRONMENTAL ENGINEERING PROCESSES	MWF	910-1000	ECCR 105	KORAK	64**	27151
EVEN 4830	001		P	SP TPC-SUSTAINABLE ENERGY SYSTEMS ANALYSIS	T/R	220-335	ECCR 151	WALKER	48	28176
EVEN 4830	002		P	SP TPC-CONTAMINANT FATE TRANSPORT	MWF	110-300	SEEC S125	BOLHARI	30	28400
EVEN 4830	004		P	SP TPC-APPLIED GLOBAL ENGINEERING (RAP)	T/R	1245-200	KCEN N114A	SALVINELLI	72	28906
EVEN 4830	005		P	SP TPC-APPLIED GLOBAL ENGINEERING (RAP)	T/R	220-335	KCEN N114A	SALVINELLI	72	28907

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CVEN 3246	400	P	INTRO TO CONSTRUCTION	MWF	1000-1050	CMU	TECHERA	20	27696
CVEN 3414	401	P	FUND ENV ENGINEERING	T/R	230-345	CMU	K. SHOLTES	20	27960
CVEN 3525	400	P	STRUCTURAL ANALYSIS	T/R	100-215	CMU	TECHERA	20	27697
CVEN 3602	402	P	TRANSPORTATION SYSTEMS	MWF	900-950	CMU	K. SHOLTES	20	28627
CVEN 3708	400	P	GEOTECHNICAL ENGINEERING I	MW	300-450	CMU	K. SHOLTES	20	27962
CVEN 4333	400	P	ENGINEERING HYDROLOGY	MWF	100-150	CMU	J. SHOLTES	20	28234
CVEN 4545	401	P	STEEL DESIGN	T/R	800-950	CMU	TECHERA	20	28629
CVEN 4837	400	P	SP TPC-GEO INFO SYSTM FOR CIVIL & ENVR SYSTM	T/R	1000-1115	CMU	J. SHOLTES	20	28233
CVEN 4897	401	P	PROFESSIONAL ISSUES CIVIL ENGINEERING (2)	MW	1100-1150	CMU	J. SHOLTES	20	28630

GRADUATE COURSES

BUILDING SYSTEMS									
AREN 5001	001	P	BUILDING ENERGY SYSTEMS	T/R	935-1050	ECCR 151	ZHAI/BAKER/SCHEIB	25	27959
AREN 5130	001	*	OPTICAL DESIGN: ILLUMINATION	T/R	530-645	ECCE 1B41	JONGEWAARD	27**	34171
AREN 5570	001	*	ELECTRICAL SYSTEMS 1	T/R	355-510	ECCR 151	BAKER	48*	34285
AREN 5620	001	*	ADAPTIVE LIGHTING SYSTEMS	MW	150-305	ECCE 1B41	SCHEIB	35**	39070
AREN 5830	001	*	SP TPC-ILLUMINATION 2	T/R	1245-200	ECCE 1B41	VASCONEZ	49**	34283
AREN 5890	001	*	SUSTAINABLE BUILDING DESIGN	T/R	1110-1225	ECCR 1B55	ZUO	24**	27452

CIVIL SYSTEMS									
CVEN 5147	001	*	CIVIL ENGINEERING SYSTEMS	T/R	800-915	ECCE 1B47	SILVERSTEIN	22**	27008
CVEN 5147	002	*	OL CIVIL ENGINEERING SYSTEMS		DISTANCE	SECTION	SILVERSTEIN	10	41557
CVEN 5537	001	P	NUMERICAL METHODS IN CIVIL ENG	MWF	1020-1110	ECCE 1B41	REGUEIRO	27	27928
CVEN 5537	001B	OL	NUMERICAL METHODS IN CIVIL ENG		DISTANCE	SECTION	REGUEIRO	15	27929

CONSTRUCTION									
CVEN 5246	001	P	LEGAL ASPECTS	R	530-720	ECCR 155	WALSH	25	28177
CVEN 5836	001	P	SP TPC-CEM FUNDAMENTALS	T/R	1245-200	ECCR 257	MORRIS	18	27047
CVEN 5836	004	P	SP TPC- INFRASTRUCTURE ASSET MANAGEMENT	T/R	220-335	ECCS 1B14	TORRES-MACHI	25	28980

EDC									
CVEN 5830	003	P	SP TPC-INTRO TO HUMANITARIAN AID (1) <i>1st 5-week session 8/23/2021 - 9/24/2021</i>	T/R	115-230	SEEC N128	SALVINELLI	35	34539
CVEN 5830	004	P	SP TPC-DISASTER RISK REDUCTION (1) <i>2nd 5-week session 9/27/2021 - 10/29/2021</i>	T/R	115-230	SEEC N128	SALVINELLI	35	34540
CVEN 5830	005	P	SP TPC-REFUGEES AND DISPLACEMENT (1) <i>3rd 5-week session 11/1/2021 - 12/9/2021</i>	T/R	115-230	SEEC N128	SALVINELLI	35	34541
CVEN 5919	002	*	GLOBAL DVPT FOR ENGINEERS	T/R	510-625	ITLL 2B10	KLEES	35**	42496
CVEN 5969	001	*	WATER, SANITATION AND HYGIENE (1) <i>1st 5-week session 8/23/2021 - 9/24/2021</i>	T/R	250-405	SEEC N128	KLEES	35**	34374
CVEN 5969	002	*	WATER, SANITATION AND HYGIENE (1) <i>2nd 5-week session 9/27/2021 - 10/29/2021</i>	T/R	250-405	SEEC N128	KLEES	35**	34880
CVEN 5969	003	*	WATER, SANITATION AND HYGIENE (1) <i>3rd 5-week session 11/1/2021 - 12/9/2021</i>	T/R	250-405	SEEC N128	KLEES	35**	34881

ENVIRONMENTAL									
CVEN 5323	001	P	APPLIED STREAM ECOLOGY	T/R	1005-1120	SEEC N224	GOOSEFF	30	27892
CVEN 5404	001	P	WATER CHEMISTRY	T/R	830-945	SEEC N125	RYAN	35	27893
CVEN 5404	001B	OL	WATER CHEMISTRY		DISTANCE	SECTION	RYAN	15	40480
CVEN 5464	001	P	ENVIRONMENTAL ENGINEERING PROCESSES	T/R	1140-1255	SEEC N125	STRAUB	28	27698
CVEN 5464	001B	OL	ENVIRONMENTAL ENGINEERING PROCESSES		DISTANCE	SECTION	STRAUB	15	27699
CVEN 5484	001	P	APPLIED MICROBIOLOGY & TOXICOLOGY	T/R	250-405	SEEC N125	HERNANDEZ	30	27548
CVEN 5484	001B	OL	APPLIED MICROBIOLOGY & TOXICOLOGY		DISTANCE	SECTION	HERNANDEZ	10	28403
CVEN 5544	001	*	SOLID WASTE MANAGEMENT & RESOURCE RECOVERY	MWF	940-1030	SEEC N129	MANSFELDT	20**	38929
CVEN 5584	001	P	WATER LEADERSHIP & MANAGEMENT	W	330-615	ECCE 1B41	KUCHENRITHER	30	27034
CVEN 5584	001B	OL	WATER LEADERSHIP & MANAGEMENT		DISTANCE	SECTION	KUCHENRITHER	15	27206
CVEN 5594	003	P	WATER REUSE & RECLAMATION	M	410-640	ECCE 1B41	BECKER	20	41436
CVEN 5594	003B	OL	WATER REUSE & RECLAMATION		DISTANCE	SECTION	BECKER	15	34538
CVEN 5834	002	P	SP TPC - ADVANCED WATER TREATMENT	T/R	115-230	SEEC N125	SUMMERS	30	34538
CVEN 5834	002B	OL	SP TPC - ADVANCED WATER TREATMENT		DISTANCE	SECTION	SUMMERS	15	42225

GEOTECH									
CVEN 5708	001	P	SOIL MECHANICS	T/R	355-510	DUAN G1B35	ZHANG	20	27903
CVEN 5798	001	P	DYNAMICS OF SOILS/FOUND	MWF	910-1000	ECCR 110	PAK	20	27905
CVEN 5818	001	P	GEOTECHNICAL EARTHQUAKE ENGRG	T/R	935-1050	ECCR 1B55	DASHTI	27	27978

MECHANICS									
CVEN 5111	002	P	INTRO TO STRUCTURAL DYNAMICS	T/R	800-915	ECCE 1B41	POURAHMADIAN	46	42116
CVEN 5161	010	*	ADVANCED MECHANICS OF MATERIALS I	MWF	910-1000	ECCR 1B55	XI	48**	27149
	011	*	LAB	M	1240-330	DLC 1B70	XI	48**	27150
CVEN 5511	001	*	INTRO TO FINITE ELEMENT ANALYSIS	T/R	935-1050	ECCE 1B41	REGUEIRO	46**	27055
CVEN 5511	001B	OL	INTRO TO FINITE ELEMENT ANALYSIS		DISTANCE	SECTION	REGUEIRO	15	39375

STRUCTURES									
CVEN 5525	001	*	MATRIX STRUCTURAL ANALYSIS	T/R	1110-1225	ECCE 1B47	SAOUMA	22**	25332
CVEN 5575	001	P	ADVANCED TOPICS IN STEEL DESIGN	T/R	1245-200	KCEN S161	HEARN	20	27155

WATER									
CVEN 5333	001	P	PHYSICAL HYDROLOGY	T/R	250-405	SEEC N129	GOOSEFF	30	26836
CVEN 5353	001	*	GROUNDWATER HYDROLOGY	T/R	800-915	ECCR 245	NEUPAUER	86**	28195
CVEN 5423	001	R	WATER RESOURCES ENGINEERING	W	410-640	-	RASEMAN	30	26971

CVEN 6393	001	P	WATER RESOURCES SEMINAR (1)	W	1130-1220	ECCE 1B41	BALAJI	48	25325
CVEN 6833	001	P	SP TPC-ADVANCED DATA ANALYSIS	T/R	115-230	SEEC N126	BALAJI	18	27232

CANCELLED CLASSES

CVEN 3323	16	OL	HYDRAULIC ENGINEERING LAB	-	-	online	NEUPAUER	16	39967	
CVEN 4839	1	*	P	SP TPC-GLOBAL DVPT FOR ENGINEERS	T/R	425-540	SEEC N125	KLEES	35**	28608
CVEN 5313	1		P	ENVIRONMENTAL FLUID MECHANICS	MW	440-555	SEEC N128	TBA	20	28390
CVEN 5524	1		P	DRINKING WATER TREATMENT	T/R	1005-1120	SEEC N125	SUMMERS	30	34376
CVEN 5524	001B	OL	DRINKING WATER TREATMENT		DISTANCE	SECTION	SUMMERS	15	34377	
EVEN 1000	2		P	INTRO TO EVEN (1)	T	220-310	FLMG 157	RYAN	30	28634
AREN 5990	001		P	CFD FOR BUILT & NATURAL ENVIRONMENTS	T/R	1110-1225	FLMG 33	ZHAI	48	34172