

SPRING 2022
CIVIL, ENVIRONMENTAL & ARCHITECTURAL ENGINEERING

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

updated January 11th 2022

CHANGES NOTED IN RED / BOLD

COURSE	SEC	CL	TITLE	DAY	TIME	BLDG/ROOM	INSTRUCTOR	ENROLL CAP	CLASS #
AREN 1027	010		ENGINEERING DRAWING	T/R	800-915	ECCR 105	CAYKO/GORE	68	29324
	011		LAB	T/R	930-1045	ECCE 141	CAYKO/GORE	34	29325
	012		LAB	T/R	1100-1215	ECCE 141	CAYKO/GORE	34	30610
AREN 2110	001		THERMODYNAMICS	MWF	1115-1205	FLMG 154	ZUO	84	29326
AREN 2120	001		FLUID MECHANICS & HEAT TRANSFER	T/R	200-315	ECCR 1B55	ZHAI	48	30562
AREN 2121	001		HEAT TRANSFER (1)	T/R	200-315	ECCR 1B55	ZHAI	48	32656
			<i>2nd 8-week session (3/3/2022 - 4/29/2022)</i>						
AREN 3040	001		CIRCUITS FOR ARCHITECTURAL ENGINEERS	MWF	230-320	ECCR 1B51	BAKER	48	31183
AREN 3080	010		ARCH DESIGN STUDIO 1 (Formerly JUNIOR STUDIO)	M	335-425	ITLL 1B50	AREHART	48	34474
	011		STUDIO	T/R	500-700	ITLL 1B50	AREHART	48	34475
AREN 3430	001		ARCHITECTURAL (INTERIOR) LIGHTING DESIGN (ENVD students only)	T/R	930-1045	ECCE 1B41	VASCONEZ	48	34477
AREN 3540	001		ILLUMINATION I	MWF	1010-1100	FLMG 33	SCHEIB	48	31182
AREN 4110	001	*	HVAC SYSTEM DESIGN	T/R	930-1045	ECCR 105	TAYLOR	68**	30356
AREN 4315	001	*	DESIGN OF MASONRY STRUCTURES	T/R	930-1045	ECCR 155	HUBLER	48**	34478
AREN 4319	001		AREN DESIGN 2 (2)	F	335-515	ECCE 1B41	AREHART	48	34100
			<i>Rec/Studio: Senseney, Vasconez, Taylor, Krarti</i>						
AREN 4440	001		LIGHTING DESIGN CAPSTONE (ENVD students only)	M	545-815	ENVD 120	FITZGERALD	35	34479
AREN 4506	001		CONST ESTIMATING & SCHEDULING (PROJECT MANAGEMENT 1)	T/R	1100-1215	ECCE 1B41	TORRES-MACHI	48	30386
AREN 4530	001	*	ADVANCED LIGHTING DESIGN	T/R	200-315	ECCE 1B41	VASCONEZ	24	32088
AREN 4580	001	*	DAYLIGHTING	T/R	330-445	ECCE 1B41	SCHEIB	27**	32101
AREN 4606	001		CONSTRUCTION PROJ. EXECUTION & CONTROL (PROJECT MANAGEMENT 2)	T/R	200-315	FLMG 33	MORRIS	60	30388
CVEN 1027	010		CIVIL ENGRG DRAWING	T	200-315	ECCR 105	ANDRYAUSKAS	48	30915
	011		REC	T	330-445	ECCE 141	ANDRYAUSKAS	24	30916
	012		REC	T	500-615	ECCE 141	ANDRYAUSKAS	24	30917
CVEN 2012	010		INTRO TO GEOMATICS	MF	1220-110	ECCE 1B41	PFEFFER	48	30928
	011		LAB	M	200-4.30	<i>see note</i>	PFEFFER	12	30929
	012		LAB	TU	200-4.30	<i>see note</i>	PFEFFER	12	30930
	013		LAB	W	200-4.30	<i>see note</i>	PFEFFER	12	30931
	014		LAB	TH	200-4.30	<i>see note</i>	PFEFFER	12	30932
CVEN 2121	001		ANALYTICAL MECHANICS I (STATICS)	MWF	125-215	ECCR 154	XI	77	29327
CVEN 2837	002		SP TPC: EXCEL MATLAB R PRIMER (1)	T	1100-1215	ECCE 161/157	LEE	24	32595
	004		SP TPC: EXCEL MATLAB R PRIMER (1) remote	T	1100-1215	ECCE 161/157	LEE	24	42178
CVEN 3111	001		ANALYTICAL MECHANICS II (DYNAMICS)	MWF	1115-1205	ECCR 245	POURAHMADIAN	84	29328
CVEN 3161	010		MECHANICS OF MATERIALS I	MWF	905-955	ECCR 1B40	HUBLER	84	29329
	011		LAB	W	335-525	DUAN G2B60	HUBLER	42	29330
	012		LAB	W	545-735	DUAN G2B60	HUBLER	42	29331
CVEN 3227	001		PROBABILITY STATS AND DECISION	T/R	930-1045	ECCR 1B40	LIEL	138	29332
CVEN 3246	001		INTRO TO CONSTRUCTION	T/R	930-1045	ECCR 131	SENSENEY	28	31980
CVEN 3256	001		CONSTRUCTION EQUIPMENT & METHODS	T/R	1100-1215	FLMG 154	BHANDARI	77	30677
CVEN 3313	010		THEORETICAL FLUID MECHANICS	T/R	1230-145	ECCR 1B40	BLASKEY	135	29333
	011		REC	M	335-425	ECCR 1B40	BLASKEY	135	29334
CVEN 3414	001		FUND ENV ENGINEERING	MWF	1010-1100	FLMG 154	STRAUB	84	29335
CVEN 3424	001		WATER/WASTEWATER TREATMENT	MWF	1115-1205	FLMG 156	MA / SEYEDI	78	29336
CVEN 3434	001		INTRO TO APPLIED ECOLOGY	MWF	300-350	SEEC N124	MCKNIGHT	48	29337
CVEN 3525	001		STRUCTURAL ANALYSIS	T/R	800-915	ECCR 1B55	SAOUMA	48	29338
CVEN 3698	001		ENGINEERING GEOLOGY	MWF	1010-1100	ECCR 151	PFEFFER	48	30963
CVEN 3708	010		GEOTECHNICAL ENGINEERING I	MWF	1115-1205	ECCR 1B55	PAK	48	29339
	011		LAB	TU	200-350	ECCE 1B53	PAK	24	30013
	012		LAB	TH	330-520	ECCE 1B53	PAK	24	29340
CVEN 3718	010		GEOTECHNICAL ENGINEERING II	MWF	125-215	ECCR 155	ZHANG	48	30254
	011		LAB	M	335-525	ECCE 1B53	ZHANG	24	30255
	012		LAB	W	335-525	ECCE 1B53	ZHANG	24	30256
CVEN 4333	001		ENGINEERING HYDROLOGY	T/R	1230-145	FLMG 156	KRAVITS	68	29341
CVEN 4383	001	*	GROUNDWATER MODELING	W	335-605	ECCR 1B55	NEUPAUER	48**	32104
CVEN 4424	001	*	ENV ORGANIC CHEMISTRY	T/R	1100-1215	FLMG 156	RYAN	72**	29342
CVEN 4434	001	*	ENV ENGR DESIGN (4)	T/R	330-510	FLMG 157	WALKER / BECKER / BOLHARI	77**	30229

CVEN 4484	001	*	ENV MICROBIOLOGY	T/R	200-315	FLMG 154	MANSFELDT	84**	29343
CVEN 4545	001		STEEL DESIGN	T/R	8:00-9:15	FLMG 156	HEARN	60	29344
CVEN 4728	001	*	FOUNDATION ENGINEERING	T/R	930-1045	ECCE 1B47	MADABHUSHI	30**	31987
CVEN 4837	010		SP TPC - OUTDOOR LIGHTING (ON CAMPUS) (1) <i>1st 5-week session (1/10/2022 - 2/11/2022)</i>	T/R	500-615	ECCE 110	VASCONEZ	25	35390
CVEN 4837	011		SP TPC - OUTDOOR LIGHTING (OFF CAMPUS) (1) <i>Off-campus visit 2/3/2022 - 2/5/2022</i>	-	-	-	VASCONEZ	25	35391
CVEN 4899	001		CIVIL ENGRG SENIOR PROJECT DESIGN (4.0) Rec/Studio: Morris/Regueiro/Balaji/Hubler	T/R	330-530	FLMG 156	MORRIS	84	30521

EVEN 4424	001	*	ENV ORGANIC CHEMISTRY	T/R	1100-1215	FLMG 156	RYAN	72**	30519
EVEN 4434	001	*	ENV ENGR DESIGN (4.0)	T/R	330-510	FLMG 157	WALKER / BECKER / BOLHARI	77*	30546
EVEN 4484	001	*	ENV MICROBIOLOGY	T/R	200-315	FLMG 154	MANSFELDT	84*	30520
EVEN 4830	001	*	SP TPC: ENVIRONMENTAL IMPACT ASSESSMENT	T/R	200-315	SEEC S125	ALMEIDA GUERRA	25*	34512
EVEN 4830	010		SP TPC: CONTAMINANT FATE TRANSPORT	T/R	800-915	ECCE 151	BOLHARI	40	32107
	011		SP TPC: CONTAMINANT FATE TRANSPORT LAB	W	1145-135	SEEL 315	BOLHARI	20	34510
	012		SP TPC: CONTAMINANT FATE TRANSPORT LAB	W	155-345	SEEL 315	BOLHARI	20	34511

COURSES OUTSIDE OF CEAE TAUGHT BY CEAE FACULTY

GEEN 1400	120		ENGINEERING PROJECTS: CIVIL & INFRASTRUCTURE ENGINEERING FOCUS	M	440-530	ITLL 160	SENSENEY	30	32278
	121		LAB	WF	335-525	ITLL 160	SENSENEY	30	32279
GEEN 3024	10		MATERIALS SCIENCE FOR ENGINEERS	MF	1220-110	ITLL 1B50	BIELEFELDT	30	32237
	11		LAB	W	1115-105	ITLL 2B10	BIELEFELDT	30	32238

COLORADO MESA UNIVERSITY COURSES

CU-CMU partnership students only/in Grand Junction

CVEN 3227	400		PROBABILITY STATS AND DECISION	MWF	1000-1050	CMU	J. SHOLTES	20	31189
CVEN 3256	400		CONSTRUCTION EQUIPMENT & METHODS	MWF	900-950	CMU	TECHERA	20	30961
CVEN 3323	400		HYDRAULIC ENGINEERING	T/R	300-450	CMU	J. SHOLTES	20	30962
CVEN 3424	400		WATER/WASTEWATER TREATMENT	MWF	1100-1150	CMU	K. SHOLTES	20	31190
CVEN 3718	400		GEOTECHNICAL ENGINEERING 2	T/R	1100-1250	CMU	K. SHOLTES	20	35389
CVEN 4555	400		REINFORCED CONCRETE DESIGN	T/R	930-1045	CMU	TECHERA	20	31192
CVEN 4836	400		SP TPC: BUILDING INFO MODELING	T/R	100-215	CMU	TECHERA	20	31024
CVEN 4899	400		CIVIL ENGRG SENIOR PROJECT DESIGN (4)	M/W	300-450	CMU	J. SHOLTES	20	31191

****GRADUATE COURSES LISTED ON FOLLOWING PAGE****

GRADUATE COURSE SCHEDULE

BUILDING SYSTEMS -0

AREN 5110	001	*	HVAC SYSTEM DESIGN	T/R	930-1045	ECCR 105	TAYLOR	68**	30518
AREN 5580	001	*	DAYLIGHTING	T/R	330-445	ECCE 1B41	SCHEIB	27*	34482
AREN 5660	001		EMBODIED CARBON IN BUILDINGS	T/R	1230-145	FLMG 33	AREHART	48	34509
AREN 5830	004		SP TPC: BUILDING ENGINEERING MODELING & SIMULATION	T/R	1100-1215	ECCE 157	SCHEIB / ZHAI / KRARTI	25	41985
AREN 5830	003	*	SP TPC: ADVANCED LIGHTING DESIGN	T/R	200-315	ECCE 1B41	VASCONEZ	24	41593

CONSTRUCTION -6

CVEN 5226	001		CONSTRUCTION SAFETY	M	335-605	AERO N250	HALLOWELL	20	31185
CVEN 5346	001		MANAGING ENG ORGANIZATIONS	W	335-605	ECCR 116	JAVERNICK-WILL	25	30765

EDC -9

CVEN 5939	001		Global Development Practicum	-	-	-	KLEES	15	30194
CVEN 5837	002		SP TPC: PROGRAM AND PROJECT MGMT (1) 1st 5-week session (1/10/2022 - 2/11/2022)	T/R	400-515	SEEC N125	SALVINELLI	30	32108
CVEN 5837	003		SP TPC: SOL'N IDENT AND PROPOSAL WRGT (1) 2nd 5-week session (2/14/2022 - 3/18/2022)	T/R	400-515	SEEC N125	SALVINELLI	30	32109
CVEN 5837	004		SP TPC: COMMUNITY APPRAISAL (1) 1st 5-week session (1/10/2022 - 2/11/2022)	T/R	1130-1245	SEEC S125	SALVINELLI	30	32110
CVEN 5837	005		SP TPC: STUDY DESIGN AND IMPACT EVALUATION (1) 2nd 5-week session (2/14/2022 - 3/18/2022)	T/R	1130-1245	SEEC S125	SALVINELLI	30	32112
CVEN 5838	002		SP TPC: INTRO TO DVLP ECON FOR ENGINEER (1) 3rd 5-week session (3/28/2022 - 4/28/2022)	T/R	1130-1245	SEEC S125	PLATAIS	30	32113

ENVIRONMENTAL -4

CVEN 5424	001		ENV ORGANIC CHEMISTRY	MWF	830-920	SEEC N129	LERESCHE	30	31992
EVEN 5444	001		ANALYTICAL METHODS, EXP. DESIGN AND APPLIED DATA ANALYSIS	T/R	400-515	SEEC N129	KORAK	15	41167
CVEN 5454	001		STAT METH FOR NATRL/ENGRD SYS	T/R	1230-145	ECCE 1B41	BALAJI	48	29345
CVEN 5524	001	001B	STAT METH FOR NATRL/ENGRD SYS		DISTANCE	SECTION	BALAJI	15	32513
CVEN 5524	001		DRINKING WATER TREATMENT	T/R	1000-1115	SEEC N125	MASTERS	30	34146
CVEN 5524	001	001B	DRINKING WATER TREATMENT		DISTANCE	SECTION	MASTERS	15	34147
CVEN 5534	001		WASTEWATER TREATMENT	T/R	100-215	SEEC N128	SILVERSTEIN	30	30767
CVEN 5564	001		WATER PROF: COMM & FINANCE	W	335-605	ECCE 1B41	KUCHENRITHER	30	30303
CVEN 5564	001	001B	WATER PROF: COMM & FINANCE		DISTANCE	SECTION	KUCHENRITHER	15	30555
EVEN 5584	001		SUSTAINABLE ENGINEERING DESIGN	T/R	1000-1115	SEEC S125	COOK	20	41166
CVEN 5834	005		SP TPC: WATER REUSE PLANNING & IMPLEMENTATION 1st 5-week session (1/10/2022 - 2/11/2022)	M	335-605	ECCE 1B41	PARKER	30	42008
CVEN 5834	005	005B	SP TPC: WATER REUSE PLANNING & IMPLEMENTATION 1st 5-week session (1/10/2022 - 2/11/2022)		DISTANCE	SECTION	PARKER	15	42010
CVEN 5834	003	*	SP TPC: ENVIRONMENTAL IMPACT ASSESSMENT	T/R	200-315	SEEC S125	ALMEIDA GUERRA	25*	32590

GEOTECH - 8

CVEN 5728	001	*	FOUNDATION ENGINEERING	T/R	930-1045	ECCE 1B47	MADABHUSHI	30*	31988
CVEN 5788	001		COMPUTATIONAL MODELING IN GEOTECH	MW	505-620	ECCS 1B28	JENSEN	30	35153
CVEN 5788	001	001B	COMPUTATIONAL MODELING IN GEOTECH		DISTANCE	SECTION	JENSEN	15	35154

MECHANICS - 1

CVEN 5131	001		CONTINUUM MECHANICS & ELASTICITY	MWF	905-955	ECCE 1B41	PAK	20	30024
CVEN 5151	001		WAVE-BASED METHODS & APPS	MW	335-450	ECCR 118	POURAHMADIAN	20	41257
CVEN 6161	001		ADVANCED MECHANICS OF MATERIALS 2	MWF	1010-1100	ECCE 1B41	XI	24	35404
CVEN 6511	001		NONLINEAR FEA SOLIDS & POROUS	T/R	800-915	ECCE 1B41	REGUEIRO	30	35155
CVEN 6511	001	001B	NONLINEAR FEA SOLIDS & POROUS		DISTANCE	SECTION	REGUEIRO	15	35156
CVEN 7161	001		FRACTURE MECHANICS	T/R	1100-1215	ECCE 1B47	SAOUMA	24	35410

STRUCTURES - 5

CVEN 5585	001		ADV TOPICS REINFORCED CONCRETE DES	T/R	200-315	ECCR 116	HEARN	27	30722
CVEN 5835	001	*	SP TPC: MASONRY DESIGN	T/R	930-1045	ECCR 155	HUBLER	48**	41316
CVEN 6595	001		EARTHQUAKE ENGINEERING	MW	440-555	ECCE 1B47	HARIRI ARDEBILI	20	41208

WATER - 3

CVEN 5363	010		MODELING OF HYDROLOGIC SYSTEMS	M	905-1055	ECCE 1B47	LIVNEH	25	30768
CVEN 5363	011		LAB	W	905-1055	ECCE 1B47	LIVNEH	25	30769

CVEN 5383	001	*	GROUNDWATER MODELING	W	335-605	ECCR 1B55	NEUPAUER	48*	32116
CVEN 6393	001		WATER RESOURCES SEMINAR (1)	W	1115-1205	ECCE 1B41	BALAJI	48	29346

CANCELLED CLASSES

CVEN 7718	001		ENGINEERING PROPERTIES OF SOILS	MWF	1115-1205	ECCE 1B47	ZHANG	25	35413
CVEN 4969	001	*	WATER & SANITATION IN DEVELOPING COUNTRIES	MW	4:40-5:55	ECCR 110	TBA	27**	30934
EVEN 4969	001	*	WATER & SANITATION IN DEVELOPING COUNTRIES	MW	440-555	ECCR 110	TBA	27*	30935
AREN 4560	001	*	LUMINOUS RADIATIVE TRANSFER	MWF	230-320	ECCE 1B41	SCHEIB	27**	32102
AREN 5830	001	*	SP-TPC: LUMINOUS RADIATIVE TRANSFER	MWF	230-320	ECCE 1B41	SCHEIB	27*	32645
CVEN 5434	001	*	ENV ENGR DESIGN (4)	T/R	330-510	FLMG 157	WALKER / BECKER / BOLHARI	77*	30230