

CIVIL ENVIRONMENTAL & ARCHITECTURAL ENGINEERING

Spring 2023

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

updated 12/21/2022

<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>ENROLL CAP</u>	<u>CLASS #</u>
AREN 1027	010		ENGINEERING DRAWING	T/R	8:00-9:15	ECCR 105	CAYKO/GORE	68	29846
AREN 1027	011		LAB	T/R	9:30-10:45	ECCE 141	CAYKO/GORE	34	29847
AREN 1027	012		LAB	T/R	11:00-12:15	ECCE 141	CAYKO/GORE	34	31062
AREN 2120	001		(3) FLUID MECHANICS AND HEAT TRANSFER	T/R	2:00-3:15	ECCR 1B55	ZHAI	48	31025
AREN 2110	001		(3) THERMODYNAMICS	T/R	8:00-9:15	DUAN G131	LIKINS WHITE	48	29848
AREN 2121	001		(1) HEAT TRANSFER, 2ND 8 - WEEKS	T/R	2:00-3:15	ECCR 151	ZHAI	48	32530
AREN 3040	001		(3) CIRCUITS FOR ARCHITECTURAL ENGINEERS	MWF	2:30-3:20	ECCR 1B51	BAKER	48	31563
AREN 3080	010		(3) ARCHITECTURAL DESIGN STUDIO 1	M	3:35-4:25	ITLL 1B50	AREHART /SCHEIB	48	32716
AREN 3080	011		STUDIO	T/R	3:30-5:20	ITLL 1B50	AREHART /SCHEIB	48	32717
AREN 3430	001		(3) ARCHITECTURAL (INTERIOR) LIGHTING DESIGN (ENVD)	T/R	9:30-10:45	ECCE 1B41	VASCONEZ	48	32718
AREN 3540	001		(3) ILLUMINATION 1	MWF	10:10-11:00	ECCR 151	SCHEIB	48	31562
AREN 4110	001	*	(3-4) HVAC SYSTEM DESIGN	T/R	9:30-10:45	ECCS 1B28	HENZE	68**	30832
AREN 4319	001		(2) ARCHITECTURAL ENGINEERING DESIGN 2	W/F	3:35-4:25	ECCR 151	AREHART, SENSENEY, 48		32569
AREN 4440	001		LIGHTING DESIGN CAPSTONE	M	5:45-8:15	ENVD 120	VASCONEZ, TAYLOR, KRARTI FITZGERALD	20	41404
AREN 4506	001		(3) PRE-CONSTRUCTION ESTIMATING AND SCHEDULING (PROJECT MANAGEMENT 1)	T/R	11:00-12:15	ECCE 1B41	JAVERNICK-WILL	48	30860
AREN 4606	001		(3) CONSTRUCTION PROJECT EXECUTION AND CONTROL (PROJECT MANAGEMENT 2)	T/R	2:00-3:15	ECCR 1B40	MORRIS	60	30861
AREN 4530	001	*	(3) ADVANCED LIGHTING DESIGN* (+AREN 5830 ADVANCED LIGHTING DESIGN)	T/R	2:00-3:15	ECCE 1B41	VASCONEZ	24	32242
AREN 4580	001	*	(3) DAYLIGHTING	MW	2:00-3:15	ECCE 1B41	SCHEIB	27**	32254
AREN 4830	001	*	(3) SP TPC: BUILDING ENERGY AUDITS	T/R	12:30-1:45	ECCR 108	DABBAGH	30	34959
AREN 4890	001	*	SUSTAINABLE BUILDING DESKGN	T/R	12:30-1:45	FLMG 33	AREHART	25**	41334
CVEN 1027	020		(3) CIVIL ENGINEERING DRAWING	M	2:30-3:20	ECCR 150	ANDRYAUSKAS	48	31337
CVEN 1027	021		REC	M	3:35-5:15	ECCE 141	ANDRYAUSKAS	24	31338
CVEN 1027	022		REC	M	5:30-7:10	ECCE 141	ANDRYAUSKAS	24	31339
CVEN 2012	010		(3) INTRODUCTION TO GEOMATICS	MF	12:20-1:10	ECCE 1B41	SENSENEY	48	31346
CVEN 2012	011		LAB	M	2:00-4:30	meet outside of ECCE 1B61	SENSENEY	12	31347
CVEN 2012	012		LAB	T	2:00-4:30	meet outside of ECCE 1B61	SENSENEY	12	31348
CVEN 2012	013		LAB	W	2:00-4:30	meet outside of ECCE 1B61	SENSENEY	12	31349
CVEN 2012	014		LAB	R	2:00-4:30	meet outside of ECCE 1B61	SENSENEY	12	31350
CVEN 2017	001		(1) EXCEL MATLAB R PRIMER	T	11:00-11:50	ECCE 161/ Bechtel lab	LEE	24	34960
CVEN 2017	002		(1) EXCEL MATLAB R PRIMER remote section	T	11:00-11:50	remote	LEE	60	34961
CVEN 2121	001		(3) ANALYTICAL MECHANICS 1	MWF	1:25-2:15	CASE E340	SONG	77	29849
CVEN 3111	001		(3) ANALYTICAL MECHANICS 2 (DYNAMICS)	MWF	1:25-2:15	ECCR 200	POURAHMADIAN	84	29850
CVEN 3161	010		(3) MECHANICS OF MATERIALS 1	MWF	9:05-9:55	ECCS 1B12	XI	84	29851
CVEN 3161	011		LAB	W	3:35-5:25	ECCE 1B52	XI	42	29852
CVEN 3161	012		LAB	W	5:45-7:35	ECCE 1B52	XI	42	29853
CVEN 3227	001		(3) PROBABILITY, STATISTICS, AND DECISION	T/R	9:30-10:45	ECCR 1B40	TORRES-MACHI	138	29854
CVEN 3246	001		(3) INTRODUCTION TO CONSTRUCTION	T/R	9:30-10:45	ECCR 105	MORRIS	28	32172
CVEN 3256	001		(3) CONSTRUCTION EQUIPMENT AND METHODS	T/R	11:00-12:15	ECCS 1B12	BHANDARI	77	31126
CVEN 3313	010		(3) THEORETICAL FLUID MECHANICS	T/R	12:30-1:45	ECCR 1B40	GOOSEFF	135	29855
CVEN 3313	11		REC	M	3:35-4:25	ECCR 1B40	GOOSEFF	135	29856
CVEN 3414	001		FUND ENV ENGINEERING	MWF	10:10 - 11:00	ECCS 1B12	STRAUB	84	29857
CVEN 3424	001		WATER/WASTEWATER TREATMENT	MWF	11:15 - 12:05	ECCS 1B28	CHRISTIAN LEY	78	29858
CVEN 3434	001		INTRO TO APPLIED ECOLOGY	MWF	3:00 - 3:50	SEEC N128	MCKNIGHT	48	29859
CVEN 3525	001		(3) STRUCTURAL ANALYSIS	T/TH	8:00-9:15	ECCR 151	SONG	48	29860

CVEN 3698	001	(3) ENGINEERING GEOLOGY	MWF	10:10-11:00	ECCR 1B51	UNGER	48	31374
CVEN 3708	010	(3) GEOTECHNICAL ENGINEERING 1	MWF	11:15-12:05	ECCR 1B51	PAK	48	29861
CVEN 3708	011	LAB	T	2:00-3:50	ECCE 1B53	PAK	24	30507
CVEN 3708	012	LAB	R	3:30-5:20	ECCE 1B53	PAK	24	29862
CVEN 3718	010	(3) GEOTECHNICAL ENGINEERING 2	MWF	2:30-3:20	ECCR 1B55	ZHANG	48	30738
CVEN 3718	011	LAB	M	3:35-5:25	ECCE 1B53	ZHANG	24	30739
CVEN 3718	012	LAB	W	3:35-5:25	ECCE 1B53	ZHANG	24	30740
CVEN 4157*	001	A SYSTEMS APPROACH TO GLOBAL ENGINEERING	T/R	8:00-9:15	ECCR 1B51	AMADEI	48*	35110
CVEN 4333	001	(3) ENGINEERING HYDROLOGY	T/R	12:30-1:45	ECCR 105	BJARKE	68	29863
CVEN 4424	001	* ENV ORGANIC CHEMISTRY	T/R	11:00 - 12:15	CASE E340	RYAN	72**	29864
CVEN 4434	001	* ENV ENGR DESIGN (4)	T/R	3:30 - 5:10	ECCR 245	BOLHARI / BECKER	77**	30717
CVEN 4484	001	* ENV MICROBIOLOGY	T/R	2:00 - 3:15	ECCR 245	MANSFELDT	84**	29865
CVEN 4545	001	(3) STEEL DESIGN	T/R	8:00-9:15	ECCR 150	HEARN	60	29866
CVEN 4565,	001	* (3) Design of Wood Structures	T/R	11-12:15	ECCR 1B51	SRUBAR	60	34968
CVEN 4728	001	* (3) FOUNDATION ENGINEERING	T/R	9:30-10:45	ECCR 116	MADABHUSHI	27**	32177
CVEN 4833	010	* (3) SP TPC: ANALYSIS OF URBAN WATER SYSTEMS	T/R	2:00-2:50	ECCE 161 (Bechtel east)	BHASKAR	24	34970
CVEN 4833	011	* LAB	T/R	3:05-4:05	ECCE 161 (Bechtel east)	BHASKAR	24	34972
CVEN 4837	010	(1) Outdoor Lighting, Site Visit	T/R	5:00-6:15	ECCR 118	VASCONEZ	20	32797
CVEN 4837	011	FLD	TBA	TBA	See Dept	VASCONEZ	20	32798
CVEN 4899	001	(4) CIVIL ENGINEERING SENIOR PROJECT DESIGN	T/R	3:30-5:30	ECCR 200	MORRIS,REGUEIRO	84	30986

COLORADO MESA UNIVERSITY COURSES

CU-CMU partnership students only / offered in Grand Junction only

CVEN 3227	400	(3) PROBABILITY STATS AND DECISION	MWF	10:00-10:50	CH 205	J. SHOLTES	24	31568
CVEN 3256	400	(3) CONSTRUCTION EQUIPMENT & METHODS	MWF	9:00-9:50	CH 310	TBA	20	31372
CVEN 3323	400	(3) HYDRAULIC ENGINEERING	T/R	3:00-4:50	CH 205	J. SHOLTES	20	31373
CVEN 3424	400	(3) WATER/WASTEWATER TREATMENT	MWF	11:00-11:50	CH 215	K. SHOLTES	20	31569
CVEN 4555	400	(3) REINFORCED CONCRETE DESIGN	T/R	9:30-10:45	CH 305	TECHERA	20	31571
CVEN 4837	400	(3) SP TPC: Heat, Ventilation and Air Conditioning	T/R	12:30-1:45	CH 217	MCNEILL	20	39948
CVEN 4899	400	(4) CIVIL ENGINEERING SENIOR PROJECT DESIGN	MW	3:00-4:50	CH 205	J. SHOLTES	20	31570

GRADUATE COURSES

BUILDING SYSTEMS

AREN 5020	001	(3) BUILDING ENERGY AUDITS	T/R	12:30-1:45	ECCR 108	DABBAGH	28	34976
AREN 5110	001	* HVAC System Design	T/R	9:30-10:45	ECCS 1B28	HENZE	68**	30983
AREN 5580	001	* DAYLIGHTING	MW	2:00-3:15	ECCE 1B41	SCHEIB	27**	32721
AREN 5830	001	* SP TPC: Advanced Lighting Design	T/R	2:00-3:15	ECCE 1B41	Vasconez	24**	32932
AREN 5890	001	* SUSTAINABLE BUILDING DESIGN	T/R	12:30-1:45	FLEM 33	AREHART	25	40650
CVEN 5157*	001	A SYSTEMS APPROACH TO GLOBAL ENGINEERING	T/R	8:00-9:15	ECCR 1B51	AMADEI	48*	35111

CONSTRUCTION

CVEN 5346	001	(3) MANAGING CONSTRUCTION AND ENGINEERING PROJECTS AND ORGANIZATIONS	T	3:55-6:25	ECCE 1B41	JAVERNICK-WILL	25	31202
CVEN 5836	001	(3) SP TPC: BUILDING INFORMATION MODELING FOR CAPITAL PROJECTS	T/R	12:30-1:45	ECCE 161 (Bechtel lab)	CELOZA	24	34977

GEOTECH

CVEN 5728	001	* (3) FOUNDATION ENGINEERING	T/R	9:30-10:45	ECCR 116	MADABHUSHI	27**	32178
CVEN 7718	001	(3) ENGINEERING PROPERTIES OF SOILS	MW	11:00-12:15	ECCE 1B47	ZHANG	15	34978

MECHANICS

CVEN 5131	001	(3) CONTINUUM MECHANICS AND ELASTICITY	MWF	9:05-9:55	ECCE 1B41	PAK	20	30518
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CVEN 5151	001	(3) Wave Methods for Design and Characterization of Advanced Materials	MW	3:35-4:50	KCEN S161	POURAHMADIAN	20	32922
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STRUCTURES

CVEN 5585	001	(3) ADVANCED TOPICS IN REINFORCED CONCRETE DESIGN	T/R	2:00-3:15	ECCS 1B14	HEARN	27	31164
CVEN 5835	001 *	(3) SP TPC, Design of WOOD STRUCTURES	T/R	11-12:15	ECCR 1B51	SRUBAR	48	32927

WATER

CVEN 5393	001	(3) WATER RESOURCES SYSTEM AND MANAGEMENT	T/R	8:30-9:45	SEEC N125	KASPRZYK	30	34911
CVEN 5393	001B	(3) WATER RESOURCES SYSTEM AND MANAGEMENT		DISTANCE		KASPRZYK	15	34912
CVEN 5343	001	(3) Transport and Dispersion in Surface Water	MW	4:05-5:20	SEEC C315	CRIMALDI	14	34979
CVEN 5454	001	(3) STATISTICAL METHODS FOR NATURAL AND ENGINEERED SYSTEMS	T/R	12:30-1:45	ECCE 1B41	BALAJI	48	29867
CVEN 5564	002	WATER PROF: COMM & FINANCE	W	3:35 - 6:05	ECCE 1B41	KUCHENRITHER	30	41857
CVEN 5564	002B	WATER PROF: COMM & FINANCE		DISTANCE		KUCHENRITHER	20	41858
CVEN 5833	001	(3) SP TPC: SURFACE GROUNDWATER EXCHANGES	T/R	10-11:15	SEEC N129	GOOSEFF	20	34980
CVEN 6393	001	(1) HYDROLOGIC SCIENCES AND WATER RESOURCES ENGINEERING SEMINAR	W	11:15-12:05	ECCE 1B41	BALAJI	48	29868
CVEN 5833	010 *	(3) SP TPC: ANALYSIS OF URBAN WATER SYSTEMS	T/R	2:00-2:50	ECCE 161	BHASKAR	24	34981
					(Bechtel east)			
CVEN 5833	011 *	LAB	T/R	3:05-4:05	ECCE 161	(Bechtel east)	24	34982

Courses Taught outside of CEAE

GEEN 1400	120	(3) Engineering Projects NEW Eng Projects section - Civil and infrastructure eng focus	M	4:40-5:30	ITLL 160	SENSENEY	30	32373
GEEN 1400	121	(3) Engineering Projects NEW Eng Projects section - Civil and infrastructure eng focus	WF	3:35-5:25	ITLL 160	SENSENEY	30	32374

Cancelled Courses

AREN 5830	002	* SP TPC: BUILDING ENGINEERING MODELING AND SIM	T/R	11:00-12:15	ECCR 116	ZHAI/SCHEIB/KRARTI	24	32958
CVEN 5788	001	(3) COMPUTATIONAL MODELING IN GEOTECHNICAL ENGINEERING	MW	5:05-6:20	ECCS 1B28	JENSEN	30	32750
CVEN 5788	001B	(3) COMPUTATIONAL MODELING IN GEOTECHNICAL ENGINEERING			BDISTANCE	JENSEN	15	32751
CVEN 6511	001	(3) NONLINEAR FINITE ELEMENT ANALYSIS OF SOLIDS AND POROUS MEDIA	T/R	8:00-9:15	ECCE 1B41	REGUEIRO	30	32752
CVEN 6511	001B	(3) NONLINEAR FINITE ELEMENT ANALYSIS OF SOLIDS AND POROUS MEDIA			BDISTANCE	REGUEIRO	15	32753