

**Fall 2023 - UPDATED AS OF 9/27/23**

**CIVIL, ENVIRONMENTAL & ARCHITECTURAL ENGINEERING**

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

**+NOTE: the Fleming building is now changing to Miramontes Baca Education (MBE). All rooms "MBE" are in the previously-named Fleming building**

COURSE	SEC	TITLE	DAY	TIME	BLDG/ROOM	INSTRUCTOR	ENROLL CAP
AREN 1027	10	ENGINEERING DRAWING	T/R	8-9:15	ECCR 200	GORE	72
AREN 1027	11	LAB	T/R	9:30-11:00	ECCE 141	GORE	48
AREN 1027	12	LAB	T/R	11:15-12:45	ECCE 161	GORE	24
AREN 1316	001	INTRO TO AREN (1.0)	M	11:15-12:05	ECCR 1B40	AREHART	72
AREN 2050	001	BUILDING MATERIALS AND SYSTEMS	T/R	3:30-4:45	MBE 33 †	CELOZA	55
AREN 2110	001	THERMODYNAMICS	T/TH	2-3:15	MBE 156 †	HENZE	80
AREN 3010	001	ENERGY EFFICIENT BUILDINGS	T/R	2-3:15	ECCR 150	ZHAI	48
AREN 4080	001	Architectural Design Studio 2	MW	4:40-7:10	ITLL 1B50	AREHART	45
AREN 4130	001	OPTICAL DESIGN: ILLUMINATION	T/R	5-6:15	ECCE 1B41	JONGEWAARD	27**
AREN 4318	001	AREN Design 1	MWF	10:10-11	MBE 154 †	AREHART SENSENEY VASCONEZ TAYLOR HANSON	48
AREN 4506	001	CONSTRUCTION ESTIMATING & SCHEDULING	T/R	11-12:15	ECCR 105	AYER	56
AREN 4550	001	ILLUMINATION 2	T/R	12:30-1:45	ECCE 1B41	VASCONEZ	40**
AREN 4570	001	BLDG ELECTRICAL SYSTEMS DESIGN 1	T/R	3:30-4:45	BESC 185	DABBAGH	45
AREN 4620	001	ADAPTIVE LIGHTING SYSTEMS	MW	2:05-3:20	ECCE 1B41	SCHEIB	35**
AREN 4830	001	ST: Landscape Lighting Design	T/R	3:30-4:45	ECCE 1B41	VASCONEZ	30
CVEN 1317	001	INTRO TO CIVIL & ENVIRONMENTAL ENGINEERING	T	2:00-2:50	ECCR 245	BIELEFELDT	92
CVEN 2012	10	INTRO TO GEOMATICS	MF	11:15-12:05	ECCE 1B41	SENSENEY	42
CVEN 2012	11	LAB	M	12:30-3:20	ECCE 1B61	SENSENEY	15
CVEN 2012	13	LAB	W	12:30-3:20	ECCE 1B61	SENSENEY	15
CVEN 2012	14	LAB	R	12:30-3:20	ECCE 1B61	SENSENEY	12
CVEN 2121	001	ANALYTICAL MECHANICS I (STATICS)	MWF	9:05-9:55	ECCR 200	POURAHMADIAN	106
CVEN 3161	10	MECHANICS OF MATERIALS I	MWF	10:10-11:00	ECCR 1 B51	XI	48
CVEN 3161	11	LAB	W	3:00-3:50	ECCE 1B52	XI	24
CVEN 3161	12	LAB	W	4:00-4:50	ECCE 1B52	XI	24
CVEN 3161	13	LAB	W	5:20-6:10	ECCE 1B52	XI	24
CVEN 3161	14	LAB	W	6:20-7:10	ECCE 1B52	XI	24
CVEN 3246	001	INTRO TO CONSTRUCTION	T/R	11-12:15	ECCR 200	MORRIS	90
CVEN 3256	001	CONSTRUCTION EQUIP METHODS	T/R	2-3:15	ECCE 1B41	BHANDARI	48
CVEN 3323	10	HYDRAULIC ENGINEERING	T/R	9:30-10:45	ECCR 245	NEUPAUER	106
CVEN 3323	11	LAB	F	8:00-8:50	ITLL 2B10	NEUPAUER	24

<b>CVEN 3323</b>	12	LAB	F	10:10-11:00	ITLL 2B10	NEUPAUER	24
<b>CVEN 3323</b>	13	LAB	F	11:15-12:05	ITLL 2B10	NEUPAUER	24
<b>CVEN 3323</b>	14	LAB	F	1:25-2:15	ITLL 2B10	NEUPAUER	24
<b>CVEN 3323</b>	15	LAB	F	3:35-4:25	ITLL 2B10	NEUPAUER	24
<b>CVEN 3414</b>	001	FUND ENV ENGINEERING	T/R	12:30-1:45	ECCR 245	MASTERS	106
<b>CVEN 3525</b>	001	STRUCTURAL ANALYSIS	MWF	9:05-9:55	ECCS 1B12	HEARN	90
<b>CVEN 3602</b>	001	TRANSPORTATION SYSTEMS	T/R	5-6:15	ECCR 155	TORRES-MACHI	35
<b>CVEN 3698</b>	001	(3) ENGINEERING GEOLOGY	MW	4:40-5:55	MBE155 †	LOAR	64
<b>CVEN 3708</b>	10	GEOTECHNICAL ENGINEERING I	T/R	3:30-4:45	MBE 156 †	Madabhushi	64
<b>CVEN 3708</b>	11	LAB	M	1:25-3:20	ECCE 1B53	Madabhushi	21
<b>CVEN 3708</b>	12	LAB	W	11:15-1:10	ECCE 1B53	Madabhushi	21
<b>CVEN 3708</b>	13	LAB	W	1:25-3:20	ECCE 1B53	Madabhushi	22
<b>CVEN 3718</b>	10	GEOTECHNICAL ENGINEERING II	T/R	2-3:15	ECCE 1B47	ZHANG	20
<b>CVEN 3718</b>	11	LAB	F	2:30-3:20	ECCE 1B53		20
<b>CVEN 3718</b>	12	LAB	F	3:35-4:25	ECCE 1B53		20
<b>CVEN 3042</b>	001	ADVANCED ENGINEERING DRAWING FOR INFRASTRUCTURE	M	3:35-6:05	ECCE 161	ANDRYAUSKAS	24
<b>CVEN 4161</b>	10	MECHANICS OF MATERIALS 2	MWF	1:25-2:15	ECCR 1B51	XI	48**
<b>CVEN 4161</b>	11	LAB	M	5:30-6:20	ECCE 1B52	XI	48**
<b>CVEN 4161</b>	12	LAB	M	6:30-7:20	ECCE 1B52	XI	48**
<b>CVEN 4161</b>	13	LAB	M	7:30-8:20	ECCE 1B52	XI	48**
<b>CVEN 4333</b>	001	ENGINEERING HYDROLOGY	T/R	11-12:15	ECCR 150	KASPRZYK	64
<b>CVEN 4353</b>	001	GROUNDWATER ENGINEERING	T/R	8:00-9:15	ECCR 245	NEUPAUER	86**
<b>CVEN 4404</b>	001	WATER CHEMISTRY (3)	MWF	10:10-11	ECCR 105	BOLHARI	64**
<b>CVEN 4414</b>	001	WATER CHEMISTRY LAB (1)	T	4-6:50	SEEL 315	BOLHARI	16**
<b>CVEN 4414</b>	002	WATER CHEMISTRY LAB (1)	W	4:05-6:55	SEEL 315	BOLHARI	16**
<b>CVEN 4414</b>	003	WATER CHEMISTRY LAB (1)	R	4:00-6:50	SEEL 315	BOLHARI	16**
<b>CVEN 4414</b>	004	WATER CHEMISTRY LAB (1)	M	4:05-6:55	SEEL 315	BOLHARI	16**
<b>CVEN 4464</b>	001	ENVIRONMENTAL ENGINEERING PROCESSES	MWF	9:05-9:55	MBE 154 †	KORAK	64**
<b>CVEN 4511</b>	001	INTRO TO FINITE ELEMENT ANALYSIS	T/R	9:30-10:45	ECCE 1B41	JENSEN	46**
<b>CVEN 4525</b>	001	MATRIX STRUCTURAL ANALYSIS	T/R	11:00-12:15	ECCE 1B41	SONG	30**
<b>CVEN 4555</b>	001	REINF CONCRETE DESIGN	T/R	8:00-9:15	ECCR 150	LIEL	64
<b>CVEN 4833</b>	001	ST: Colorado River Water Crisis	T/R	8:00-9:15	ECCE 1B41	Hoerling	45**
<b>CVEN 4834</b>	001	SP TPC: Solid Waste Management	MW	405-520	SEEC N128	Mansfeldt	20**
<b>CVEN 4897</b>	001	PROFESSIONAL ISSUES IN CVEN (2)	T/R	12:30-1:45	ECCS 1B12	Linden	84

GRADUATE COURSES

Building Systems

<b>AREN 5001</b>	001	Building Science and Engineering 1	T/R	11-12:15	ECCE 1B47	BAKER/SCHEIB	20
<b>AREN 5030</b>	001	Data Science for Energy and Buildings	T/TH	11-12:15	KCEN N100-101	HENZE	20
<b>AREN 5130</b>	001	OPTICAL DESIGN: ILLUMINATION	T/R	5:00-6:15	ECCE 1B41	JONGEWAARD	27**

<b>AREN 5620</b>	001	ADAPTIVE LIGHTING SYSTEMS	MW	2:05-3:20	ECCE 1B41	SCHEIB	35**
<b>AREN 5570</b>	701	BLDG ELECTRICAL SYSTEMS DESIGN 1	OL	Online	Asynchronous	KRARTI	10
<b>AREN 5830</b>	001	SP TPC: ILLUMINATION 2	T/R	12:30-1:45	ECCE 1B41	VASCONEZ	40**
<b>Construction</b>							
<b>CVEN 5006</b>	001	CEM Fundamentals	T/R	12:30-1:45	ECCE 1B47	MORRIS	22
<b>CVEN 5246</b>	001	LEGAL ASPECTS OF CONSTRUCTION	W	5:45-8:15	ECCR 150	Zehner	25
<b>CVEN 5446</b>	001	INFRASTRUCTURE ASSET MANAGEMENT	T/R	2-3:15	CASE E340	TORRES-MACHI	25
<b>CVEN 5836</b>	002	SP TPC: Artificial Intelligence and Machine Learning Concepts and Applications in the Built Environment	M/W	9:05-10:20	ECCE 1B41	BEHZADAN	35
<b>Geotech</b>							
<b>CVEN 5708</b>	001	SOIL MECHANICS	T/R	3:30-4:45	ECCE 1B47	ZHANG	20
<b>CVEN 5798</b>	001	DYNAMICS OF SOILS AND STRUCTURES	MWF	9:05-9:55	ECCE 1B47	PAK	20
<b>CVEN 5818</b>	001	Geotechnical Earthquake Engineering	T/TH	9:30-10:45	ECCR 257	Dashti	27
<b>Mechanics</b>							
<b>CVEN 5111</b>	001	STRUCTURAL DYNAMICS	T/R	2:00-3:15pm	ECCR 135	LIEL	46
<b>CVEN 5161</b>	10	ADVANCED MECHANICS OF MATERIALS I	MWF	1:25-2:15	ECCR 1B51	XI	48**
<b>CVEN 5161</b>	11	LAB	M	5:30-6:20	ECCE 1B52	XI	48**
<b>CVEN 5161</b>	12	LAB	M	6:30-7:20	ECCE 1B52	XI	48**
<b>CVEN 5161</b>	13	LAB	M	7:30-8:20	ECCE 1B52	XI	48**
<b>CVEN 5511</b>	001	INTRO TO FINITE ELEMENT ANALYSIS	T/R	9:30-10:45	ECCE 1B41	JENSEN	46**
<b>CVEN 5511</b>	701	INTRO TO FINITE ELEMENT ANALYSIS	OL	Online	Asynchronous	JENSEN	15
<b>CVEN 6161</b>	001	Advanced Mechanics of Materials 2	MWF	1:25-2:15	ECCE 1B47	HUBLER	20
<b>Structures</b>							
<b>CVEN 5525</b>	001	MATRIX STRUCTURAL ANALYSIS	T/R	11:00-12:15	ECCE 1B41	SONG	30**
<b>CVEN 5575</b>	001	ADVANCED TOPICS IN STEEL DESIGN	T/R	12:30-1:45	ECCS 1B14	HEARN	20
<b>Water</b>							
<b>CVEN 5313</b>	001	ENVIRONMENTAL FLUID MECHANICS	MW	4:05-5:20	SEEC C315	CRIMALDI	14
<b>CVEN 5323</b>	001	APPLIED STREAM ECOLOGY	T/R	10-11:15	SEEC S125	MCKNIGHT	30
<b>CVEN 5333</b>	001	PHYSICAL HYDROLOGY	T/R	11:30-12:45	SEEC S125	LIVNEH	30
<b>CVEN 5353</b>	001	GROUNDWATER HYDROLOGY	T/R	8:00-9:15	ECCR 245	NEUPAUER	86**
<b>CVEN 5833</b>	001	ST: Colorado River Water Crisis	T/R	8:00-9:15	ECCE 1B41	Hoerling	45**
<b>CVEN 5833</b>	701	ST: Colorado River Water Crisis	T/R	8:00-9:15	Remote	Hoerling	15
<b>CVEN 6393</b>	001	Hydrologic Sciences and Water Resources Engineering Seminar (1)	W	11:15-12:05	ECCE 1B41	LIVNEH	48
<b>Environmental</b>							
<b>CVEN 5404</b>	001	(3) Water Chemistry	T/R	8:30-9:45	SEEC N125	Ryan	30
<b>CVEN 5404</b>	701	(3) Water Chemistry	T/R	8:30-9:45	Remote	Ryan	15
<b>CVEN 5464</b>	001	(3) Environmental Engineering Processes	T/R	11:30-12:45	SEEC N129	Straub	30
<b>CVEN 5464</b>	701	(3) Environmental Engineering Processes	OL	Online	Asynchronous	Straub	15
<b>CVEN 5514</b>	001	Bioremediation	MW	1:45-3:00	SEEC S265	Mansfeldt	20

<b>CVEN 5544</b>	001	Solid Waste Mngmt & Resource Recovery	MW	405-520	SEEC N128	Mansfeldt	20
<b>CVEN 5584</b>	001	Water Leadership & Management	W	3:35-6:05	ECCE 1B41	Kuchenriither Theerman Pallanch	30
<b>CVEN 5584</b>	701	Water Leadership & Management	OL	Online	Asynchronous	Kuchenriither Theerman Pallanch	15
<b>CVEN 5594</b>	001	(3) Water Reuse and Reclamation	M	3:35-6:05	ECCE 1B41	Stanford	20
<b>CVEN 5594</b>	701	(3) Water Reuse and Reclamation	M	3:35-6:05	Remote	Stanford	15
<b>CVEN 5838*</b>	001	(1) ST: Intro to Global Health for Engineers	T/Th	2:30-3:45	SEEC N126	Thomas	30
<b>*PLEASE NOTE: CVEN 5838 is in the 3rd 5-week session, not full semester</b>							
<b>CVEN 5919</b>	001	Global Development for Engineers	T/R	1-2:15	SEEC N125	Klees	30
<b>CVEN 5919</b>	701	Global Development for Engineers	T/R	1-2:15	Remote	Klees	15
<b>CVEN 5939</b>	001	Global Development Practicum	N/A	N/A	N/A	Klees	40
<b>CVEN 5969</b>	001	Water, Sanitation, and Hygiene	T/R	4-5:15	SEEC N125	Klees	35