

Fall 2024

CIVIL ENVIRONMENTAL & ARCHITECTURAL ENGINEERING

Updated as of 7/10/2024

<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>ENROLLMENT</u>
AREN 1027	010		Engineering Drawing	T/Th	8:00-9:15	ECCS 1B12	Gore	84
AREN 1027	011		LAB	T/Th	9:30-10:45	ECCE 141	Gore	42
AREN 1027	012		LAB	T/Th	11:00-12:15	ECCE 141	Gore	42
AREN 1316	001		Intro to Architectural Engineering (1)	M	11:15-12:05	MBE 154	Arehart	72
AREN 2050	001		Building Materials and Systems	T/Th	3:30-4:45	MBE 33	Celoza	60
AREN 2110	001		Thermodynamics	T/Th	2:00-3:15	Ekeley E1B20	Henze	106
AREN 3010	001		Energy Efficient Buildings	T/Th	2:00-3:15	ECCR 155	Zhai	48
AREN 4080	001		Architectural Design Studio 2	M/W	3:35-6:05	MBE 33	Arehart	45
AREN 4130	001	*	Optical Design: Illumination	T/Th	5:00-6:15	ECCE 1B41	Jongewaard	27**
AREN 4318	001		AREN Design 1	M/W/F	10:10-11:00	MBE 154	Arehart Sensenev Vasconez Taylor Brooks	48
AREN 4506	001		Pre-Construction Estimating and Scheduling	T/Th	11-12:15	ECCR 151	Ayer	45
AREN 4540	001	*	Architectural Exterior and Landscape Lighting Design (ENVD)	T/Th	3:30-4:45	ECCE 1B41	Vasconez	30**
AREN 4550	001	*	Illumination 2	T/Th	12:30-1:45	ECCE 1B41	Vasconez	45**
AREN 4570	001	*	Building Electrical Systems Design 1	T/Th	3:30-4:45	ECCR 1B55	Krarti	45**
AREN 4890	001	*	Sustainable Building Design	F	1:25-3:55	ECCE 1B47	Arehart	22**
CVEN 1317	001		Intro to Civil and Environmental Engineering	T	2:00-2:50	ECCR 1B40	Bielefeldt	92
CVEN 2012	010		Intro to Geomatics	M/F	12:20-1:10	ECCE 1B41	Sensenev	42
CVEN 2012	011		LAB	M	2:00-4:30	ECCE 1B61	Sensenev	15
CVEN 2012	012		LAB	W	2:00-4:30	ECCE 1B61	Sensenev	12
CVEN 2012	013		LAB	Th	2:00-4:30	ECCE 1B61	Sensenev	15
CVEN 2121	001		Analytical Mechanics 1 (Statics)	M/W/F	9:05-9:55	ECCR 245	Pourahmadian	106
CVEN 3042	001		Advanced Engineering Drawing for Infrastructure	M	3:35-6:05	ECCE 161	Andryauskas	24

CVEN 3161	010		Mechanics of Materials 1	M/W/F	10:10-11:00	ECCR 155	Uludag	48
CVEN 3161	011		LAB	W	3:00-3:50	<i>Assigned weekly</i>	Uludag	24
CVEN 3161	012		LAB	W	4:00-4:50	<i>Assigned weekly</i>	Uludag	24
CVEN 3161	013		LAB	W	5:20-6:10	<i>Assigned weekly</i>	Uludag	24
CVEN 3161	014		LAB	W	6:20-7:10	<i>Assigned weekly</i>	Uludag	24
CVEN 3246	001		Intro to Construction	T/Th	11:00-12:15	ECCR 265	Morris	120
CVEN 3256	001		Construction Equipment and Methods	T/Th	2:00-3:15	Ekeley E1B50	Bayona	48
CVEN 3313	010		Theoretical Fluid Mechanics	T/Th	8:00-9:15	ECCR 155	TRUE	40
CVEN 3313	011		RECITATION	M	11:15-12:05	ECCE 1B41	TRUE	40
CVEN 3323	010		Hydraulic Engineering	T/Th	9:30-10:45	ECCR 245	Neupauer	106
CVEN 3323	011		LAB	F	8:00-8:50	ITLL 2B10	Neupauer	14
CVEN 3323	012		LAB	F	9:05-9:55	ITLL 2B10	Neupauer	14
CVEN 3323	013		LAB	F	10:10-11:00	ITLL 2B10	Neupauer	28
CVEN 3323	014		LAB	F	12:20-1:10	ITLL 2B10	Neupauer	28
CVEN 3323	015		LAB	F	1:25-2:15	ITLL 2B10	Neupauer	28
CVEN 3323	016		LAB	F	2:30-3:20	ITLL 2B10	Neupauer	14
CVEN 3414	001	*	Fundamentals of Environmental Engineering	T/Th	12:30-1:45	ECCR 200	Masters	95
CVEN 3525	001		Structural Analysis	M/W/F	9:05-9:55	ECCR 200	Song	95
CVEN 3602	001		Transportation Systems	T/Th	5:00-6:15	ECCR 151	Torres-Machi	35
CVEN 3708	010		Geotechnical Engineering 1	T/Th	3:30-4:45	Benson 185	Dashti	60
CVEN 3708	011		LAB	M	1:25-3:20	ECCE 1B53	Dashti	20
CVEN 3708	012		LAB	W	11:15-1:10	ECCE 1B53	Dashti	20
CVEN 3708	013		LAB	W	1:25-3:20	ECCE 1B53	Dashti	20
CVEN 3718	010		Geotechnical Engineering 2	T/Th	2:00-3:15	ECCE 1B47	Zhang	20
CVEN 3718	011		LAB	F	2:30-3:20	ECCE 1B53		
CVEN 3718	012		LAB	F	3:35-4:25	ECCE 1B53		
CVEN 4161	010	*	Mechanics of Materials 2	M/W/F	1:25-2:15	ECCE 1B41	Hubler	48**
CVEN 4161	011	*	LAB	M	5:30-6:20	<i>Instructor assigns room weekly</i>	Hubler	48**
CVEN 4161	012	*	LAB	M	6:30-7:20	<i>Instructor assigns room weekly</i>	Hubler	48**
CVEN 4161	013	*	LAB	M	7:30-8:20	<i>Instructor assigns room weekly</i>	Hubler	48**

CVEN 4333	001		Engineering Hydrology	T/Th	11:00-12:15	ECCS 1B28	Kasprzyk	64
CVEN 4353	001	*	Groundwater Engineering	T/Th	8:00-9:15	ECCR 245	Neupauer	86**
CVEN 4404	001	*	Water Chemistry (3)	M/W/F	10:10-11:00	MBE 157	Ryan	60**
CVEN 4414	001	*	Water Chemistry Lab (1)	T	4:00-6:50	SEEL 315	Ryan	20**
CVEN 4414	002	*	Water Chemistry Lab (1)	W	4:05-6:55	SEEL 315	Ryan	20**
CVEN 4414	004	*	Water Chemistry Lab (1)	M	4:05-6:55	SEEL 315	Ryan	20**
CVEN 4464	001	*	Environmental Engineering Processes	M/W/F	9:05-9:55	MBE 156	Korak	64**
CVEN 4511	001	*	Intro to Finite Element Analysis	T/Th	9:30-10:45	ECCE 1B41	Regueiro	46**
CVEN 4525	001	*	Computational Structural Analysis 1	T/Th	11:00-12:15	ECCE 1B41	Song	30**
CVEN 4555	001		Reinforced Concrete Design	T/Th	8:00-9:15	ECCS1B28	Liel	64
CVEN 4833	001	*	SP TPC: Colorado River Water Crisis (3)	T/Th	8:00-9:15	ECCE 1B41	Hoerling	45**
CVEN 4833	002	*	SP TPC: Nonpoint Source Pollution (3)	T/Th	2:30-3:45	SEEC N129	Bhaskar	30**
CVEN 4834	001	*	Solid Waste Management (3)	M/W	4:05-5:20	SEEC N125	Mansfeldt	20**
CVEN 4987	001		Professional Issues in Civil Engineering	T/Th	12:30-1:45	ECCS 1B12	Linden	84
GRADUATE COURSES								
BUILDING SYSTEMS								
AREN 5001	001		Building Science and Engineering 1	T/Th	TBD	ECCE 1B47	TBD	20
AREN 5002	001		Building Science and Engineering 2	T/Th	9:30-10:45	ECCE 1B47	Zhai/Broyles	20
AREN 5080	001		Computer Simulation of Building Energy Systems	T/Th	2:00-3:15	ECCE 161	Krarti	24
AREN 5090	001		Optimizing Grid Connected Systems	T/Th	11:00-12:15	Kitt Central S163	Henze	20
AREN 5130	001	*	Optical Design: Illumination	T/Th	5:00-6:15	ECCE 1B41	Jongewaard	27**
AREN 5540	001	*	Architectural Exterior and Landscape Lighting Design	T/Th	3:30-4:45	ECCE 1B41	Vasconez	30**
AREN 5550	001	*	Illumination 2	T/Th	12:30-1:45	ECCE 1B41	Vasconez	45**
AREN 5570	001	*	Building Electrical Systems Design 1	T/Th	3:30-4:45	ECCR 1B55	Krarti	45**
AREN 5890	001	*	Sustainable Building Design	F	1:25-3:55	ECCE 1B47	Arehart	22**
CONSTRUCTION								
CVEN 5006	001		CEM Fundamentals	T/Th	12:30-1:45	ECCE 1B47	Morris	22
CVEN 5246	001		Legal Aspects of Construction	W	5:45-8:15	ECCR 110	Zehner	25
CVEN 5346	002		Managing Engineering Organizations	W	3:00-5:30	ITLL 1B50	Javernick-Will	30
CVEN 5446	001		Infrastructure Asset Management	T/Th	2:00-3:15	ECCE 1B41	Torres-Machi	25

CVEN 5836	001		ST: AI/ML in the Built Environment (3)	M/W	10:10-11:25	ECCE 1B47	Behzadan	22
GEOTECH								
CVEN 5708	001		Soil Mechanics	T/Th	3:30-4:45	ECCE 1B47	Zhang	20
CVEN 5798	001		Dynamics of Soils and Structures	M/W/F	9:05-9:55	ECCR 110	Pak	20
CVEN 5818	001		Geotechnical Earthquake Engineering	T/Th	9:30-10:45	ECCR 1B55	Dashti	27
MECHANICS								
CVEN 5111	001		Structural Dynamics	T/Th	2:00-3:15	ECCR 135	Liel	46
CVEN 5161	010	*	Advanced Mechanics of Materials 1	M/W/F	1:25-2:15	ECCE 1B41	Hubler	48**
CVEN 5161	011	*	LAB	M	5:30-6:20	<i>Instructor assigns room weekly</i>	Hubler	48**
CVEN 5161	012	*	LAB	M	6:30-7:20	<i>Instructor assigns room weekly</i>	Hubler	48**
CVEN 5161	013	*	LAB	M	7:30-8:20	<i>Instructor assigns room weekly</i>	Hubler	48**
CVEN 5511	001	*	Intro to Finite Element Analysis	T/Th	9:30-10:45	ECCE 1B41	Regueiro	46**
CVEN 5511	701		Intro to Finite Element Analysis	T/Th	9:30-10:45	<i>Remote/Synchronous</i>	Regueiro	15
CVEN 7511	001		Computational Finite Inelasticity and Multiphase Mechanics	M/W/F	9:05-9:55	ECCE 1B41	Regueiro	25
CVEN 7511	701		Computational Finite Inelasticity and Multiphase Mechanics	M/W/F	9:05-9:55	<i>Remote/Synchronous</i>	Regueiro	25
STRUCTURES								
CVEN 5525	001	*	Computational Structural Analysis 1	T/Th	11:00-12:15	ECCE 1B41	Song	30**
WATER								
CVEN 5333	001		Physical Hydrology	T/Th	11:30-12:45	SEEC S125	Livneh	TBD
CVEN 5353	001	*	Groundwater Hydrology	T/Th	8:00-9:15	ECCR 245	Neupauer	86**
CVEN 5833	001	*	SP TPC: Colorado River Water Crisis (3)	T/Th	8:00-9:15	ECCE 1B41	Hoerling	45**
CVEN 5833	702		SP TPC: Colorado River Water Crisis (3)	OL	Online	<i>Asynchronous</i>	Hoerling	15
CVEN 5833	002	*	SP TPC: Nonpoint Source Pollution (3)	T/Th	2:30-3:45	SEEC N129	Bhaskar	30**
CVEN 5454	001		Statistical Methods for Natural and Engineered Systems	T/Th	1:00-2:15	SEEC N124	Balaji	30
CVEN 5454	701		Statistical Methods for Natural and Engineered Systems	T/Th	1:00-2:15	<i>Remote/Synchronous</i>	Balaji	25
CVEN 6393	001		Hydrologic Sciences and Water Resources Engineering Seminar (1)	W	11:15-12:05	ECCE 1B41	Balaji	48
Environmental								
CVEN 5323	001		Applied Stream Ecology	T/Th	10:00-11:15	SEEC N124	McKnight	30

CVEN 5404	002		Water Chemistry	M/W	11:30-12:45	SEEC S265	Ryan	30
CVEN 5464	001		Environmental Engineering Processes	T/Th	11:30-12:45	SEEC N125	Straub	30
CVEN 5464	701		Environmental Engineering Processes	OL	Online	<i>Asynchronous</i>	Straub	15
CVEN 5514	001		Bioremediation	M/W	1:45-3:00	SEEC S265	Mansfeldt	20
CVEN 5544	001	*	Solid Waste Management	M/W	4:05-5:20	SEEC N125	Mansfeldt	20**
CVEN 5584	001		Water Leadership & Management	W	3:35-6:05	ECCE 1B41	Kuchenrither/Theerman/Pallanch	30
CVEN 5584	701		Water Leadership & Management	OL	Online	<i>Asynchronous</i>	Kuchenrither/Theerman/Pallanch	15
CVEN 5594	001		Water Reuse and Reclamation	M	3:35-6:05	ECCE 1B41	Stanford	20
CVEN 5594	701		Water Reuse and Reclamation	M	3:35-6:05	<i>Remote/Synchronous</i>	Stanford	15
Mortenson								
CVEN 5838	001		Intro to Global Health for Engineers (1)	T/Th	10:00-11:15	SEEC S265	Thomas	25
			<i>3rd 5-week session</i>					
CVEN 5919	001		Global Development for Engineers	T/Th	1:00-2:15	SEEC N125	Klees	30
CVEN 5919	701		Global Development for Engineers	T/Th	1:00-2:15	<i>Remote/ Synchronous</i>	Klees	15