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UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
 DETAILED CURRICULUM REPORT
 Seattle CAMPUS

REPORT: SR21010-R-01 K
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COLLEGE : J - Engineering
 DEPARTMENT: CIVIL & ENV ENGINEERING

CURRIC NUM	COURSE TITLE	EFFECTIVE QUARTERS	QUARTER CREDITS	OVER D		D	S H F			V L E E W					RESPONS COURSE	JOINT COURSES	O M I T
				-ALL U	GRD		E	U N E	P	& N C M S N	A S W T P R G						
CEE 101	AMAZING INFRASTR Amazing Infrastructure, its Impacts and the Roles of Civil and Environmental Engineers	AUT/2018 - AUT/9999	1.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 4/19/18		APPROVED: 4/17/18											
CEE 102	CEE CAREERS Civil and Environmental Engineering and Careers--Companies and Agencies	WIN/2019 - AUT/9999	1.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 4/19/18		APPROVED: 4/17/18											
CEE 103	ENG NAT AND HUM DIS Engineering for Natural and Human Caused Disasters	SPR/2019 - AUT/9999	1.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 4/23/18		APPROVED: 3/20/18											
CEE 220	INTRO MECH OF MATLS Introduction to Mechanics of Materials	AUT/2012 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:12-14 PREQ & DESC CHG			LAST UPDT: 7/10/12		APPROVED:12/01/99											
CEE 250	ENVIRON PROCESSES Environmental Processes and flows	AUT/2012 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:CHG TTLS, DESC, CREDITS, PREQ			LAST UPDT: 9/06/12		APPROVED: 1/20/09											
CEE 291	AUTOCAD Introduction to AutoCAD for Civil Engineers	WIN/2019 - AUT/9999	2.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:END INITIAL DL			LAST UPDT: 2/03/17		APPROVED: 2/17/15											
CEE 297	FOREIGN STUDY Foreign Study	SPR/2011 - AUT/9999	3.0-05.0	15.0	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:12/21/10		APPROVED:12/21/10											
CEE 298	SPEICAL TOPICS Special Topics in Civil and Environmental Engineering	AUT/2012 - AUT/9999	1.0-05.0	10.0	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 5/16/12		APPROVED: 5/15/12											
CEE 299	INDEPENDENT PROJECT Independent Project	SPR/2011 - AUT/9999	1.0-05.0	10.0	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:12/21/10		APPROVED:12/21/10											
CEE 306	CONSTRUCT ENGR I CONSTRUCTION ENGINEERING I	AUT/2005 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:CHANGE DESCRIPTION			LAST UPDT: 2/07/14		APPROVED:12/01/99											
				FEE TYPE:1		\$25.00 BUDGET:069327 REV OBJ CD:943081											

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					-ALL U	GRD		U N E	P	N C M S N							
CEE 349	ENV ENG STUDIES Case Studies in Environmental Engineering	AUT/2016 - AUT/9999		3.0
					LAST UPDT: 9/30/16		APPROVED: 6/07/16										
CEE 350	ENV MASS ENERGY BAL Mass and Energy Balances in Environmental Engineering	AUT/2016 - AUT/9999		4.0	.	.	.	.	.	.	.	.	.	.	.	.	.
					LAST UPDT:11/02/16		APPROVED: 6/07/16										
CEE 352	INTRO MICROB ENV ENG Introduction to Microbial Principles in Environmental Engineering	AUT/2018 - AUT/9999		5.0	.	.	.	.	.	.	.	.	.	.	.	.	.
					LAST UPDT:12/21/17		APPROVED: 6/07/16										
CEE 354	INTRO CHEM ENV ENG Introduction to Chemical Principles in Environmental Engineering	AUT/2018 - AUT/9999		5.0	.	.	.	.	.	.	.	.	.	.	.	.	.
					LAST UPDT: 2/02/18		APPROVED: 6/07/16										
CEE 356	SUSTAINABILITY TOOLS Quantitative and Conceptual Tools for Sustainability	SPR/2017 - AUT/9999		4.0	.	.	.	.	.	.	.	.	.	.	.	.	.
					LAST UPDT: 8/29/16		APPROVED: 6/07/16										
CEE 357	ENVIRONMENTAL ENGR Environmental Engineering	WIN/2018 - AUT/9999		5.0	.	.	.	.	.	.	.	.	.	.	.	.	.
					LAST UPDT:11/06/17		APPROVED: 6/19/12										
CEE 360	SUSTAINABILITY SUSTAINABILITY IN CIVIL ENGINEERING	SPR/2011 - AUT/9999		3.0	.	.	.	.	.	.	.	.	.	.	.	.	.
					LAST UPDT: 2/07/14		APPROVED:12/16/08										
	COMMENT:EMAIL PREQ CHG																
CEE 363	CONSTRN MATERIALS CONSTRUCTION MATERIALS	AUT/2012 - AUT/9999		4.0	.	.	.	.	.	.	.	.	.	.	.	.	.
					LAST UPDT: 2/07/14		APPROVED:12/01/99										
	COMMENT:12-14 TITLE CHG																
					FEE TYPE:1	\$35.00	BUDGET:069644	REV OBJ	CD:943081								
CEE 366	BASIC SOIL MECH BASIC SOIL MECHANICS	AUT/2008 - AUT/9999		4.0	.	.	.	.	.	.	.	.	.	.	.	.	.
					LAST UPDT: 2/07/14		APPROVED:12/01/99										
	COMMENT:CHG PREQ,DESC VIA 08-10 UPDATE																
					FEE TYPE:1	\$35.00	BUDGET:069644	REV OBJ	CD:943081								
CEE 367	GEOTECHNICAL ENGR Geotechnical Engineering	AUT/2012 - AUT/9999		5.0	.	.	.	.	.	.	.	.	.	.	.	.	.
					LAST UPDT:12/11/12		APPROVED: 6/19/12										
	COMMENT:12-12 ADD FEE																
					FEE TYPE:1	\$35.00	BUDGET:069644	REV OBJ	CD:943081								

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				-ALL	U		GRD	E	U	N	E	P	&	N			
CEE 377	INTRO STRUCT DESIGN Introduction to Structural Design	AUT/2012 - AUT/9999	5.0
				LAST UPDT: 6/20/12		APPROVED: 6/19/12											
CEE 379	ELEM STRUC I ELEMENTARY STRUCTURES I	AUT/2008 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:PREQ CHG PER 08-10 UPDATE			LAST UPDT: 2/07/14		APPROVED:12/01/99											
CEE 380	ELEM STRUCT II ELEMENTARY STRUCTURES II	SPR/2003 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:EMAIL PREREQ CHG			LAST UPDT: 2/07/14		APPROVED:12/01/99											
CEE 390	CIVIL ENGR SYSTEMS CIVIL ENGINEERING SYSTEMS	AUT/2010 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:EMAIL PREQ CHG			LAST UPDT: 2/07/14		APPROVED:12/01/99											
CEE 391	COMPUTER-AIDED DES GRAPHICS COMMUNICATION AND COMPUTER-AIDED DESIGN	AUT/2010 - AUT/9999	3.0	.	.	.	.	Y	.	.	.	.	.	.	.	.	.
	COMMENT:10-12 PREQ CHG			LAST UPDT: 2/07/14		APPROVED: 7/13/05		FEE TYPE:1 \$50.00 BUDGET:069644 REV OBJ CD:943081									
CEE 392	BASIC CEE COMPUTING BASIC CIVIL ENGINEERING COMPUTING	AUT/2008 - AUT/9999	1.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:PREQ CHG PER 08-10 UPDATE			LAST UPDT: 2/07/14		APPROVED: 8/24/05											
CEE 401	PAVE DESIGN ROADS Pavement Design for Roads	WIN/2019 - AUT/9999	1.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:11/15/18		APPROVED:11/13/18											
CEE 402	ENER INFRASTRUCTURE Energy Infrastructure	WIN/2019 - AUT/9999	1.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:11/15/18		APPROVED:11/13/18											
CEE 404	INFRASTRUCTURE CONS Infrastructure Construction	AUT/2014 - AUT/9999	4.0
	COMMENT:14-16 DESC CHG			LAST UPDT: 7/23/14		APPROVED: 1/25/06											

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				-ALL U	GRD	E	U N E	P & N C M S N	A S W T P R G									
CEE 405	TRAFFIC SIMULATION Traffic Simulation	SPR/2018 - AUT/9999	3.0	
				LAST UPDT:12/21/17 APPROVED:12/19/17														
CEE 409	ENGR ROME: STDY ABRD Engineering Rome: Study Abroad	SPR/2015 - AUT/9999	5.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:CHG CREDITS, HYPHEN			LAST UPDT:12/16/14 APPROVED: 5/15/12														
CEE 410	TRAFFIC ENGR FUND Traffic Engineering Fundamentals	AUT/2013 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:EMAIL PREQ CHG			LAST UPDT: 2/07/13 APPROVED:12/01/99														
CEE 412	TRANS DATA MGMT Transportation Data Management	AUT/2013 - AUT/2019	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:EMAIL PREQ CHG			LAST UPDT: 3/22/19 APPROVED: 1/31/05														
CEE 412	TRANSP DATA MGMT VIS Transportation Data Management and Visualization	WIN/2020 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 3/22/19 APPROVED: 1/31/05														
CEE 413	TRANS TECH AND SYS TRANSPORTATION TECHNOLOGIES AND SYSTEMS	SUM/2000 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:WAS CIVE 413			LAST UPDT:10/05/06 APPROVED:12/01/99														
CEE 416	URBAN TRAN PLG/DES Urban Transportation Planning and Design	AUT/2013 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:EMAIL PREQ CHG			LAST UPDT: 2/07/13 APPROVED:12/01/99														
CEE 417	URB TRANS DMND FORE URBAN TRANSPORTATION DEMAND FORECASTING	SUM/2000 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:WAS CIVE 417			LAST UPDT:10/05/06 APPROVED:12/01/99														
CEE 418	COMP-AIDED PLAN Computer-Aided Planning of Urban Systems	SUM/2000 - AUT/9999	3.0	
	COMMENT:WAS CIVE 418			LAST UPDT: 5/30/19 APPROVED: 6/29/78												CEE 418	URBDP 429	.

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				-ALL U	GRD		U N E	P	& N C M S N	A S W T P R G							
CEE 420	ENGR DEVLPIG COMM Engineering with Developing Communities	SPR/2015 - AUT/9999	3.0
				LAST UPDT: 1/07/15		APPROVED:12/16/14											
CEE 421	PAVEMENT DES&CONST Pavement Design and Construction	SPR/2017 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 8/07/18		APPROVED:12/01/99											
CEE 422	ENERGY AND TRANS Energy and Transportation	SPR/2015 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:12/17/14		APPROVED:12/16/14											
CEE 424	GIS FOR CIV ENGRS GIS for Civil Engineers	AUT/2015 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 7/23/15		APPROVED: 4/25/05											
CEE 425	REINF CONC CONST Reinforced Concrete Construction	AUT/2014 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:14-16 PREQ CHG			LAST UPDT: 7/23/14		APPROVED: 2/27/04											
CEE 426	BDRY SURV/PLAT DSGN BOUNDARY SURVEYS AND PLAT DESIGN	SUM/2000 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:WAS CIVE 426			LAST UPDT:10/05/06		APPROVED:12/01/99											
CEE 427	CONSTR SURV CONTROL CONSTRUCTION SURVEY CONTROL	SUM/2000 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:WAS CIVE 427			LAST UPDT:10/05/06		APPROVED:12/01/99											
CEE 428	CEMENT COMPOSITES Lightweight Cementitious Composites	AUT/2012 - AUT/9999	0.0-02.0	2.0	.	.	11	.	.	.	.	.	.	.	.	.	.
	COMMENT:CHG DESC			LAST UPDT: 5/14/13		APPROVED: 5/17/06											
CEE 429	SUST BLDG INFRA Sustainability in Building Infrastructure	AUT/2015 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 7/23/15		APPROVED: 2/17/15											
CEE 430	PROF PRACT ISSUES ISSUES IN PROFESSIONAL ENGINEERING PRACTICE	SUM/2000 - AUT/9999	3.0	Y
	COMMENT:WAS CIVE 430			LAST UPDT:10/05/06		APPROVED:12/01/99											

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				-ALL U	GRD	E	U N E	P & N C M S N	A S W T P R G	MAX	P	SYS	D				HYPH	M	R	E
CEE 431	SEIS & EARTHQKE ENGR Seismology and Earthquake Engineering	AUT/2012 - AUT/9999	3.0	Y	CEE 431	ESS	465	.	
	COMMENT:UPDATE PREQ			LAST UPDT: 2/06/18 APPROVED:12/01/99																
CEE 436	FNDN DESIGN Foundation Design	AUT/2013 - AUT/9999	3.0
	COMMENT:EMAIL PREQ CHG			LAST UPDT: 2/07/13 APPROVED:12/01/99																
CEE 437	ENGINEER GEOLOGY I Engineering Geology I	AUT/2008 - AUT/9999	3.0
	COMMENT:CHG DESC PER 08-10 UPDATE			LAST UPDT: 5/30/19 APPROVED:12/01/99																
CEE 440	PROF PRAC STUDIO Professional Practice Studio	AUT/2005 - AUT/9999	2.0
	COMMENT:CHANGE TITLES			LAST UPDT:10/05/06 APPROVED:12/01/99																
CEE 441	TRANS CONST CPSTONE Transportation and Construction Capstone Design Project	SPR/2015 - AUT/9999	5.0
	COMMENT:CHG CREDITS			LAST UPDT:11/19/14 APPROVED:12/01/99																
CEE 442	STRUCT GEO CAPSTONE Structural Geotechnical Capstone Design Project	SPR/2015 - AUT/9999	5.0
	COMMENT:EMAIL PREQ CHG			LAST UPDT:10/24/14 APPROVED:12/01/99																
CEE 444	HYDRAULIC CAPSTONE Water Resources and Hydraulic Engineering Capstone Design Project	AUT/2013 - AUT/9999	5.0
	COMMENT:CHG CREDITS, 2/7/13 EMAIL PREQ			LAST UPDT: 2/07/13 APPROVED:12/01/99																
CEE 445	ENV ENG DES CAPSTONE Environmental Engineering Capstone Design Project	AUT/2013 - AUT/9999	5.0
	COMMENT:CHG CREDITS, 2/7/13 EMAIL PREQ			LAST UPDT: 2/07/13 APPROVED:12/20/99																
CEE 451	DES MET STRUC Design of Metal Structures	AUT/2014 - AUT/9999	3.0
	COMMENT:14-16 PREQ CHG			LAST UPDT: 7/23/14 APPROVED:12/01/99																

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						OVER	D	D	S	H	F	L	I	E	C	Q	T	P	&				N	C	M	S	N	A	S
CEE	480	AIR QLT Y MODELING Air-Quality Modeling	AUT/2015 -	AUT/9999	3.0	Y	.	.	Y	CEE	480	ATM S 480	.
						LAST UPDT: 2/02/15 APPROVED:12/01/99 FEE TYPE:1 \$50.00 BUDGET:069644 REV OBJ CD:943081 COMMENT:EMAIL PREQ CHG																							
CEE	481	HYDR DESIGN ENV ENG Hydraulic Design for Environmental Engineering	AUT/2014 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
						LAST UPDT: 7/23/14 APPROVED:12/01/99 COMMENT:14-16 DESC CHG																							
CEE	482	WASTEWTR REUSE/REC Wastewater Reuse and Resource Recovery	SPR/2016 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
						LAST UPDT: 3/22/16 APPROVED:12/01/99																							
CEE	483	DRINKING WTR TRTMT Drinking Water Treatment	AUT/2013 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
						LAST UPDT: 2/07/13 APPROVED: 8/14/02 COMMENT:EMAIL PREQ CHG																							
CEE	484	ON-SITE WASTE MGMT Decentralized and On-Site Wastewater Management and Reuse	AUT/2013 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
						LAST UPDT: 2/07/13 APPROVED:12/01/99 COMMENT:EMAIL PREQ CHG																							
CEE	487	SOLID WASTE DISPOSAL Solid-Waste Disposal	SUM/2000 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
						LAST UPDT: 5/30/19 APPROVED:12/01/99 COMMENT:WAS CIVE 487																							
CEE	488	HAZARDOUS WAST ENGR Hazardous Waste Engineering	SPR/2013 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
						LAST UPDT: 9/02/15 APPROVED:12/01/99 COMMENT:EMAIL PREQ CHG																							
CEE	489	WAT AIR SAMPLING Water and Air Quality Sampling	SUM/2000 -	AUT/9999	2.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
						LAST UPDT:10/12/06 APPROVED:12/01/99 COMMENT:WAS CIVE 489																							
CEE	490	AIR POLL CONTROL Air-Pollution Control	AUT/2014 -	AUT/9999	4.0	CEE	490	ENV H 461	.
						LAST UPDT: 7/23/14 APPROVED:12/01/99 COMMENT:14-16 DESC CHG																							

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				-ALL	U		GRD	E	U	N	E	P	& N	C			
CEE 500	CEE SEMINARS Civil and Environmental Engineering Seminars	AUT/2000 - AUT/9999	1.0	3.0	.	CR/NC
				LAST UPDT: 8/30/00		APPROVED: 6/28/00											
CEE 521	SEEPAGE AND CONSOL Seepage and Consolidation	AUT/2014 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:14-16 PREQ CHG			LAST UPDT: 7/23/14		APPROVED: 8/23/00											
CEE 522	SHEAR STR SLOP STAB Shear Strength and Slope Stability	AUT/2014 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:14-16 PREQ CHG			LAST UPDT: 7/23/14		APPROVED: 8/23/00											
CEE 523	ADV FOUND ENG Advanced Foundation Engineering	WIN/2001 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:WAS CESM 563			LAST UPDT:10/12/06		APPROVED: 8/23/00											
CEE 529	FOUND SOIL IMPRT Foundation Soil Improvement	WIN/2001 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:WAS CESM 569			LAST UPDT:10/12/06		APPROVED: 8/23/00											
CEE 531	ROCK ENGINEERING Rock Engineering	AUT/2008 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:PREQ CHG PER 08-10 UPDATE			LAST UPDT: 1/02/08		APPROVED: 2/28/94											
CEE 542	BIOREM ENV POLLUT BIOREMEDIATION OF ENVIRONMENTAL POLLUTANTS	AUT/2005 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	CEE 542	MICROM518	.	.
	COMMENT:CHG JT STATUS			LAST UPDT: 7/27/07		APPROVED: 6/28/93											
CEE 548	INDUSTRL WASTE TRT INDUSTRIAL WASTE TREATMENT	WIN/2001 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:WAS CEWA 556			LAST UPDT:10/12/06		APPROVED: 8/23/00											
CEE 558	GAS AIR POLL CONT CONTROL OF GASEOUS AIR POLLUTANTS	WIN/2001 - AUT/9999	3.0	CHEM E566	CHEM E566	.	.
	COMMENT:WAS CEWA 566			LAST UPDT: 2/07/14		APPROVED: 8/23/00											

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				-ALL U	GRD	E	U N E	P & N	C M S N	A S W T	P R G				
CESG 501	STR MECHANICS Structural Mechanics	SPR/2019 - AUT/9999	4.0
				LAST UPDT:10/17/18				APPROVED: 1/28/00							
CESG 502	STR DYNAMICS Structural Dynamics	WIN/2019 - AUT/9999	4.0
				LAST UPDT:10/17/18				APPROVED: 1/28/00							
CESG 503	ADV STRUCTURES I Advanced Structures I	WIN/2018 - AUT/9999	3.0
				LAST UPDT: 1/25/18				APPROVED: 1/23/18							
CESG 504	FINITE ELEM METHODS Finite Element Methods in Structural Mechanics	SPR/2019 - AUT/9999	4.0
				LAST UPDT:10/17/18											
CESG 505	ENGR COMPUTING Engineering Computing	AUT/2017 - AUT/9999	3.0
				LAST UPDT: 9/27/17				APPROVED: 3/13/07							
CESG 506	NONLNR ANLY STR SYS Nonlinear Analysis of Structural Systems	AUT/2017 - AUT/9999	3.0
				LAST UPDT:10/11/17				APPROVED: 3/13/07							
CESG 507	STRUC STABILITY Structural Stability	AUT/2017 - AUT/9999	3.0
				LAST UPDT:10/11/17				APPROVED:11/17/15							
CESG 508	MATERIALS MODELING Materials Modeling	AUT/2017 - AUT/9999	3.0
				LAST UPDT:10/11/17				APPROVED: 1/28/00							
CESG 509	RELIABILITY & DESGN Reliability and Design	AUT/2017 - AUT/9999	3.0
				LAST UPDT: 9/27/17				APPROVED: 8/23/00							
CESG 521	ADV REINF CONCRETE Advanced Reinforced Concrete	AUT/2017 - AUT/9999	3.0
				LAST UPDT: 9/27/17				APPROVED: 1/28/00							
CESG 522	PRESTR CONCRETE DSGN Analysis and Design of Prestressed Concrete	WIN/2018 - AUT/9999	3.0
				LAST UPDT:12/26/17				APPROVED:12/19/17							

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				-ALL U	GRD		U N E	P	& N C M S N	A S W T P R G							
CESG 523	ADV STRUCTURAL SYS Advanced Structural Systems	AUT/2017 - AUT/9999	3.0
				LAST UPDT:10/11/17		APPROVED: 1/28/00											
CESG 524	ADVANCED STEEL I Advanced Steel I	AUT/2017 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:10/11/17		APPROVED: 1/28/00											
CESG 526	EARTHQUAKE ENGR I Earthquake Engineering I	AUT/2017 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:10/11/17		APPROVED: 8/23/00											
CESG 527	EARTHQUAKE ENGR II Earthquake Engineering II	AUT/2017 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 9/27/17		APPROVED: 8/23/00											
CESG 528	WIND ENGR DESIGN Wind Engineering Design	AUT/2017 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:10/11/17		APPROVED: 1/28/00											
CESG 529	BRIDGE ENGINEERING Bridge Engineering	SUM/2018 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 2/22/18		APPROVED: 2/20/18											
CESG 561	ADV SOIL MECHANICS Advanced Soil Mechanics	AUT/2019 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:11/09/18		APPROVED: 6/06/17											
CESG 562	ADV GEOTECH LAB Advanced Geotechnical Laboratory	SPR/2019 - AUT/9999	5.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:11/15/18		APPROVED: 8/23/00											
CESG 563	PHYSICHEM SOIL BEHAV Physicochemical Aspects of Soil Behavior	SPR/2019 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 3/22/19		APPROVED: 3/19/19											
CESG 564	COMP GEOMECHANICS Computational Geomechanics	WIN/2018 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:12/21/17		APPROVED:12/19/17											
CESG 565	SOIL DYNAMICS Soil Dynamics	WIN/2019 - AUT/9999	3.0
				LAST UPDT:11/09/18		APPROVED: 8/23/00											

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				-ALL	U		GRD	E	U	N	E	P	&	N				C	M	S
CESG 566	SLOPE STABL LANDSLID Slope Stability and Landslides	SUM/2019 - AUT/9999	3.0			
				LAST UPDT:12/19/18		APPROVED:12/18/18														
CESG 567	ADV FOUNDATION ENG Advanced Foundation Engineering	SPR/2019 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:11/15/18		APPROVED:12/19/17														
CESG 568	GEOTECH EQ ENG Geotechnical Earthquake Engineering	SPR/2019 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:12/19/18		APPROVED: 8/23/00														
CESG 569	GEOLOGICAL ENG Geological Engineering	SPR/2019 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:12/19/18		APPROVED:12/18/18														
CESG 570	GEOSYSTEMS ENG Geosystems Engineering	SPR/2019 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:11/15/18		APPROVED:11/13/18														
CESG 571	GEOTECH CASE HIST Geotechnical Case Histories	WIN/2019 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:12/19/18		APPROVED:12/18/18														
CESG 576	ADV SOIL MECHANICS Advanced Soil Mechanics	AUT/2017 - SUM/2019	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:11/09/18		APPROVED: 6/06/17														
CESG 599	SPECIAL TOPICS Special Topics in Structural and Geotechnical Engineering	WIN/2018 - AUT/9999	1.0-05.0	20.0			
				LAST UPDT: 8/07/18		APPROVED:12/19/17														

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				-ALL U	GRD		E	U N E	P	& N C M S N	A S W T P R G						
CESI 501	DIS RENEW POWER Distributed Renewable Power Systems	WIN/2019 - AUT/9999	3.0
				LAST UPDT:10/25/17		APPROVED: 4/18/17											
CESI 502	GEOMATICS Geomatics in Energy Infrastructure	WIN/2019 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:10/25/17		APPROVED: 4/18/17											
CESI 503	OPERATION PWR PLT Operation of a Power Plant	WIN/2019 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:10/25/17		APPROVED: 4/18/17											
CESI 504	BLDG LEED ENERGY Buildings, LEED, and Energy Use	WIN/2019 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:10/25/17		APPROVED: 4/18/17											
CESI 505	AIR POLL CNTRL Air Pollution Control and Occupational Safety and Health	WIN/2019 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:10/25/17		APPROVED: 4/18/17											
CESI 506	MANAG OF HAZ WASTE Management of Site Remediation, Hazardous Waste, and On-Site Treatment	WIN/2019 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:10/25/17		APPROVED: 4/18/17											
CESI 508	ACC & FIN CONSTR Accounting and Finance for Construction	WIN/2017 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:12/22/16		APPROVED:11/15/16											
CESI 509	ENGR ROME: STDY ABRD Engineering Rome: Study Abroad	WIN/2018 - AUT/9999	5.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:12/26/17		APPROVED: 5/15/12											
CESI 510	ELECTRIC GRIDS Electric Grids	WIN/2019 - AUT/9999	1.0	.	CR/NC	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:10/25/17		APPROVED: 4/18/17											
CESI 511	GRID INTEGRATION Grid Integration of Variable Sources of Generation	WIN/2019 - AUT/9999	1.0	.	CR/NC	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:10/25/17		APPROVED: 4/18/17											
CESI 512	REGULATE UTILITIES Regulating Electric Utilities	WIN/2019 - AUT/9999	1.0	.	CR/NC
				LAST UPDT:10/25/17		APPROVED: 4/18/18											

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				-ALL	U		GRD	E	U	N	E	P	&				N
CESI 513	OP AND MAINT WIND Operation and Maintenance of a Wind Farm	WIN/2019 - AUT/9999	1.0	.	CR/NC
				LAST UPDT:10/25/17		APPROVED: 4/18/17											
CESI 514	HYDRO PROJ RELICENSE Hydroelectric Project Relicensing	WIN/2019 - AUT/9999	1.0	.	CR/NC	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:10/25/17		APPROVED: 4/18/17											
CESI 519	E-CONSTRUCTION Trends and Applications in E-Construction	WIN/2019 - AUT/9999	1.0	.	CR/NC	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:10/25/17		APPROVED: 4/18/17											
CESI 520	ELEC FUNDAMENTALS Electricity Fundamentals	WIN/2019 - AUT/9999	1.0	.	CR/NC	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:10/25/17		APPROVED: 4/18/17											
CESI 521	INTRO ACAD BLUEBEAM Introduction to AutoCAD and Bluebeam	WIN/2019 - AUT/9999	1.0	.	CR/NC	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:10/25/17		APPROVED: 4/18/17											
CESI 522	INTRO AUTOTURN Introduction to AutoTURN	WIN/2019 - AUT/9999	1.0	.	CR/NC	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:10/25/17		APPROVED: 4/18/17											
CESI 524	STAT FOR CONST Statistical Methods for Construction	WIN/2019 - AUT/9999	1.0	.	CR/NC	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:10/25/17		APPROVED: 4/18/17											
CESI 525	WIND TURB ANALYSIS Wind Turbine Analysis	AUT/2018 - SUM/2019	1.0	.	CR/NC	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 2/23/18		APPROVED: 1/23/18		DROPPED: 1/23/18									
CESI 527	ENER INFRA FUND Energy Infrastructure Fundamentals	WIN/2019 - AUT/9999	1.0	.	CR/NC	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 7/02/18		APPROVED: 6/05/18											
CESI 528	DES PROJECT ROADS Pavement Design for Project Roads	SUM/2019 - AUT/9999	1.0	.	CR/NC	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 7/02/18		APPROVED: 6/05/18											
CESI 529	SUPPLEMENTAL PAVE Supplemental Pavement Topics	SUM/2019 - AUT/9999	1.0	.	CR/NC
				LAST UPDT:10/17/18		APPROVED:10/16/18											

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				-ALL U	GRD		E	U N E	P	& N C M S N	A S W T P R G						
CESI 552	ENVIR REGS Environmental Regulations	WIN/2018 - AUT/9999	3.0
				LAST UPDT:12/26/17		APPROVED: 4/15/08											
CESI 588	ENERGY INFRA & ENV Energy Infrastructure and the Environment	SPR/2018 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:12/26/17		APPROVED: 1/18/11											
CESI 592	STAT FUND CONST APP Statistical Fundamentals for Construction and Materials Applications	SPR/2018 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:12/26/17		APPROVED: 1/25/06											
CESI 594	COMPT-AIDED CONSTR Computer-Aided Construction	AUT/2017 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:10/11/17		APPROVED: 1/25/06											
CESI 595	CONSTRUCTION MATS Construction Materials	AUT/2017 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:10/11/17		APPROVED: 1/25/06											
CESI 596	PAVE CONSTRUCTION Pavement Construction	AUT/2017 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:10/11/17		APPROVED: 1/25/06											
CESI 599	SPECIAL TOPICS Special Topics in Construction, Energy and Sustainable Infrastructure	WIN/2018 - AUT/9999	1.0-05.0	20.0
				LAST UPDT:12/21/17		APPROVED:12/19/17											

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					-ALL U	GRD E		P & N	C M S N			
CET 511	PLANNING PPL & FRT Planning for People and Freight	AUT/2019 -	AUT/9999	4.0
					LAST UPDT: 3/22/19		APPROVED: 3/25/02					
CET 512	TRANS DATA MANAGE Transportation Data Management	WIN/2018 -	AUT/2019	3.0	.	.	. . .	. . . . .	.			.
					LAST UPDT: 3/22/19		APPROVED:12/19/17					
CET 512	TRANSP DATA COLLECT Transportation Data Collection	AUT/2020 -	AUT/9999	3.0	.	.	. . .	. . . . .	.			.
					LAST UPDT: 3/22/19		APPROVED:12/19/17					
CET 513	TRANSP NETWK & OPTIM Transportation Networks and Optimization	AUT/2019 -	AUT/9999	3.0	.	.	. . .	. . . . .	.			.
					LAST UPDT: 3/22/19		APPROVED: 3/19/19					
CET 521	INFERENTL DATA ANSYS Inferential Data Analysis for Engineers	AUT/2019 -	AUT/9999	3.0	.	.	. . .	. . . . .	CET 521	IND E 546	.	.
					LAST UPDT: 3/22/19		APPROVED: 1/28/00					
CET 522	TRANSP DATA MGMT VIS Transportation Data Management and Visualization	WIN/2020 -	AUT/9999	3.0	.	.	. . .	. . . . .	.			.
					LAST UPDT: 3/22/19		APPROVED:12/19/17					
CET 561	TRANSPORTATION PLAN Transportation Planning and Design	AUT/2017 -	AUT/9999	5.0	.	.	. . .	. . . . .	.			.
					LAST UPDT: 9/27/17		APPROVED: 3/15/11					
CET 562	LIVABLE COMM Livable Communities and Design	AUT/2017 -	AUT/9999	4.0	.	.	. . .	. . . . .	.			.
					LAST UPDT:10/11/17		APPROVED: 3/15/11					
CET 563	TRANS CHOICES Transportation Choices and Technology	AUT/2017 -	AUT/9999	4.0	.	.	. . .	. . . . .	.			.
					LAST UPDT:10/11/17		APPROVED: 3/15/11					
CET 564	SUSTAIN TRANS SYST Sustainable Transportation from a Systems Perspective	AUT/2017 -	AUT/9999	5.0	.	.	. . .	. . . . .	.			.
					LAST UPDT: 9/27/17		APPROVED: 4/17/12					
CET 565	CLIM CHANGE ENERGY Climate Change and Energy	WIN/2018 -	AUT/9999	5.0
					LAST UPDT:11/29/17		APPROVED: 4/17/12					

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				-ALL U	GRD		E	U	N	E	P	& N	C	M	S				N	A	S	W
CET 566	ENV ANALYSIS ASSESS	AUT/2017 - AUT/9999	5.0
Environmental Analysis and Assessment																						
LAST UPDT:10/11/17 APPROVED: 4/17/12																						
CET 567	HEALTH SUSTAIN TRAN	AUT/2017 - AUT/9999	5.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Health and Sustainable Transportation																						
LAST UPDT: 9/27/17 APPROVED: 4/16/13																						
CET 568	TRANS ECONOMICS	AUT/2017 - AUT/9999	5.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Transportation Economics																						
LAST UPDT:10/11/17 APPROVED: 4/16/13																						
CET 569	SUSTAIN POLICY FIN	AUT/2017 - AUT/9999	5.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Policy Development, Finance, and Sustainable Transportation																						
LAST UPDT:10/11/17 APPROVED: 4/16/13																						
CET 579	ADV TRAFFIC DET SYS	AUT/2017 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Advanced Traffic Detection Systems																						
LAST UPDT:10/11/17 APPROVED: 1/31/05																						
CET 580	URBAN TRANSPORT PLG	AUT/2017 - SUM/2019	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Urban Transportation Planning																						
LAST UPDT: 3/22/19 APPROVED: 3/25/02																						
CET 581	TRAVEL DEMAND FCAST	AUT/2017 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Travel Demand Forecasting																						
LAST UPDT:10/11/17 APPROVED: 6/28/00																						
CET 582	INTELLGNT TRANS SYS	AUT/2017 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Intelligent Transportation Systems																						
LAST UPDT: 9/27/17 APPROVED: 6/28/00																						
CET 583	TRANSP ENRGY & SUST	AUT/2017 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Transportation Energy and Sustainability																						
LAST UPDT:10/11/17 APPROVED: 9/15/15																						
CET 584	ANYL METH TRANS I	AUT/2017 - SUM/2019	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Analytical Methods in Transportation I																						
LAST UPDT: 3/22/19 APPROVED: 1/28/00																						
CET 585	ANLY METH TRANSP II	AUT/2017 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Analytical Methods in Transportation II																						
LAST UPDT:10/11/17 APPROVED: 6/28/00																						

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				-ALL U	GRD		E	U N E	P & A	N C M S N	E C Q T						
CET 586	PEDESTRIAN TRAVEL Pedestrian Travel, Land Use, and Urban Form	AUT/2017 - AUT/9999	3.0	URBDP 576	URBDP 576	.	
				LAST UPDT:10/17/17		APPROVED: 2/24/06											
CET 587	GTTL MANAGEMENT Global Trade, Transportation, and Logistics Management	AUT/2017 - SUM/2019	4.0	.	.	.	.	.	.	.	.	.	.			.
				LAST UPDT: 3/22/19		APPROVED: 9/22/97											
CET 587	TRANSPRTN LOGISTICS Transportation Logistics	AUT/2019 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.			.
				LAST UPDT: 3/22/19		APPROVED: 9/22/97											
CET 589	TRANSIT SYSTEMS PLG Transit Systems Planning	WIN/2018 - AUT/9999	3.0	.	.	.	.	Y	.	.	.	.	.			.
				LAST UPDT:10/31/17		APPROVED: 8/23/00		FEE TYPE:1 \$50.00 BUDGET:069644 REV OBJ CD:943081									
CET 590	TRAFFIC SYSTMS OPER Traffic Systems Operations	AUT/2017 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.			.
				LAST UPDT: 9/27/17		APPROVED: 8/23/00											
CET 591	FREIGHT TRANSPN Freight Transportation	AUT/2017 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.			.
				LAST UPDT: 9/27/17		APPROVED: 8/23/00											
CET 593	TRANS SYSTM ANALYSIS Transportation System Analysis	SPR/2018 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.			.
				LAST UPDT:12/21/17		APPROVED:12/19/17											
CET 594	Trav Survey Methods Travel Survey Methods	SPR/2018 - SUM/2020	3.0	.	.	.	.	.	.	.	.	.	.			.
				LAST UPDT: 3/22/19		APPROVED:12/19/17											
CET 599	SPECIAL TOPICS Special Topics in Transportation Engineering	WIN/2018 - AUT/9999	1.0-05.0	20.0	
				LAST UPDT:12/21/17		APPROVED:12/19/17											

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				-ALL	U		GRD	E	U	N	E	P	& N	C			
CEWA 540	MICRO PROC FUND Microbiological Process Fundamentals	AUT/2017 - AUT/9999	3.0
				LAST UPDT: 9/27/17		APPROVED: 6/28/00											
CEWA 541	BIO TRT SYST Biological Treatment Systems	WIN/2018 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:12/26/17		APPROVED: 3/28/91											
CEWA 543	AQUATIC CHEMISTRY Aquatic Chemistry	WIN/2018 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:12/26/17		APPROVED: 2/21/01											
CEWA 544	PHY CHEM TRT PROC Physical-Chemical Treatment Processes	WIN/2018 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:11/29/17		APPROVED: 8/23/00											
CEWA 545	ENV ORG CHEM Environmental Organic Chemistry	AUT/2017 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:10/11/17		APPROVED: 8/27/01											
CEWA 546	TOP EC EFF WAST WAT Topics in Ecological Effects of Wastewater	WIN/2018 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:12/26/17		APPROVED: 8/23/00											
CEWA 547	LAKE/WATERSHED MGMT Lake and Watershed Management	WIN/2018 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:12/26/17		APPROVED: 4/01/88											
CEWA 549	ADV TOPICS ENV ENG Advanced Topics in Environmental Engineering, Chemistry, and Biology	AUT/2017 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:10/11/17		APPROVED: 8/23/00											
CEWA 550	ENVIR CHEM MODEL Environmental Chemical Modeling	WIN/2018 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:12/26/17		APPROVED: 8/27/01											
CEWA 553	SMNR ATMOS CHEM Seminar - Topics in Atmospheric Chemistry	WIN/2018 - AUT/9999	1.0-03.0	6.0	Y	.	.	.	.	.	.	.	.	.	CEWA 553	ATM S 525	.
				LAST UPDT:12/26/17		APPROVED: 1/28/00											
CEWA 554	ACOSTCS ENVRN NOISE Acoustics of Environmental Noise	WIN/2018 - AUT/9999	4.0	M E	528 M E	528
				LAST UPDT:12/26/17		APPROVED: 7/16/70											

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				-ALL U	GRD		U N E	P & A	N C M S N	E C Q T	P N C M S N						
CEWA 555	TPCS ENVIRNMTL HLTH Topics in Environmental Health	WIN/2018 - AUT/9999	3.0	
				LAST UPDT:12/26/17		APPROVED: 8/23/00											
CEWA 557	AIR RESOURCES MGMT Air Resources Management	WIN/2018 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:12/26/17		APPROVED: 8/23/00											
CEWA 560	RISK ASSESSMENT Risk Assessment for Environmental Health Hazards	AUT/2018 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	ENV H 577 PUBPOL589	.	.
				LAST UPDT: 4/19/18		APPROVED: 3/30/82											
CEWA 564	ADVANCED HYDROLOGY Advanced Hydrology	AUT/2017 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:10/11/17		APPROVED: 8/23/00											
CEWA 565	DATA ANALYSIS WATER Data Anaylsis in Water Sciences	AUT/2017 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 6/20/17		APPROVED: 6/06/17											
CEWA 566	SAT REM SENS WATER Satellite Remote Sensing for Water Resources	AUT/2017 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 6/20/17		APPROVED: 6/06/17											
CEWA 568	SNOW HYDROLOGY Snow Hydrology	AUT/2017 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:10/11/17		APPROVED: 6/21/11											
CEWA 570	HYDRODYNAMICS Hydrodynamics	AUT/2017 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:10/11/17		APPROVED: 8/23/00											
CEWA 571	HYDRODYN WATER QUAL Hydrodynamics in Water Quality	WIN/2018 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:12/26/17		APPROVED: 8/23/00											
CEWA 572	NUMERICAL MODELING Numerical Modeling of Hydrodynamics	SPR/2018 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:12/21/17		APPROVED:12/19/17											
CEWA 573	COAST WAVES FOR ENG Water Wave Mechanics for Coastal Engineers	AUT/2017 - AUT/9999	4.0	
				LAST UPDT:10/11/17		APPROVED: 8/23/00											

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				-ALL U	GRD		U	N	E							
CEWA 574	SEDIMENT TRANSPORT Hydraulics of Sediment Transport	SPR/2018 - AUT/9999	4.0
				LAST UPDT:12/21/17		APPROVED:12/19/17										
CEWA 576	PHYSICAL HYDROLOGY Physical Hydrology	AUT/2017 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 7/17/17		APPROVED: 6/06/17										
CEWA 577	OPN CHN FLO HEC-RAS Open Channel Flow with Modeling	WIN/2018 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:12/21/17		APPROVED:12/19/17										
CEWA 578	WATER SYS MGMT & OP Water Resource System Management and Operations	AUT/2017 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:10/11/17		APPROVED: 1/28/00										
CEWA 579	QUANT WATER MANAG Quantitative Water Management	WIN/2018 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:12/21/17		APPROVED:12/19/17										
CEWA 580	WATER QUALITY MNGMT Water-Quality Management	WIN/2018 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:10/31/17		APPROVED: 8/23/00										
CEWA 582	WASTEWTR REUSE RECYC Wastewater Reuse and Resource Recovery	WIN/2018 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:12/21/17		APPROVED:12/19/17										
CEWA 596	CHEM FATE & TRANSP Fate and Transport of Chemicals in the Environment	AUT/2017 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 9/27/17		APPROVED: 9/17/13										
CEWA 597	JORDAN STUDY ABROAD Engineering Jordan: Water in an Arid Land Study Abroad	SPR/2018 - AUT/9999	5.0	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:12/26/17		APPROVED: 2/19/13										
CEWA 599	SPECIAL TOPICS Special Topics in Environmental Engineering	WIN/2018 - AUT/9999	1.0-05.0	20.0	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:12/21/17		APPROVED:12/19/17										

