

DATE: 04-09-2018
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UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
 DETAILED CURRICULUM REPORT
 Seattle CAMPUS

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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		U	N	E	P	N	C	M	S				N		
CEE 100	CIV & ENVIR ENGR Twenty-First Century Civil and Environmental Engineering	WIN/2007 - AUT/9999	1.0	. CR/NC .																
				LAST UPDT:11/14/06		APPROVED:11/14/06														
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	SPR/2017 - AUT/2018	2.0	.	.															
				LAST UPDT: 2/03/17		APPROVED: 2/17/15														
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												
CEE 307	CONSTRUCTION ENGR Construction Engineering	AUT/2014 - AUT/9999	5.0	.	.															
	COMMENT:14-16 PREQ CHG			LAST UPDT: 7/23/14		APPROVED: 6/19/12														

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					-ALL	U	GRD	E	U	N	E	P	&	N	C	M			
CEE 316	SURV ENGR SURVEYING ENGINEERING	AUT/2010	- AUT/9999	4.0	Y	
					LAST UPDT: 2/07/14 APPROVED: 12/01/00 FEE TYPE: 1 \$50.00 BUDGET: 069644 REV OBJ CD: 943081 COMMENT: EMAIL PREQ CHG														
CEE 317	GEOSURVEYING GeoSurveying	AUT/2013	- AUT/9999	5.0	.	.	.	.	Y	.	.	.	.	.	.	.	.	.
					LAST UPDT: 2/26/13 APPROVED: 6/19/12 FEE TYPE: 1 \$50.00 BUDGET: 069644 REV OBJ CD: 943081 COMMENT: EMAIL PREQ CHG, FEE 2-26														
CEE 320	TRANSPORTATION ENGR TRANSPORTATION ENGINEERING I	AUT/2010	- AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
					LAST UPDT: 2/07/14 APPROVED: 12/01/99 COMMENT: EMAIL PREQ CHG														
CEE 327	TRANSPORTATION ENGR Transportation Engineering	AUT/2012	- AUT/9999	5.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
					LAST UPDT: 6/20/12 APPROVED: 6/19/12														
CEE 337	CONSTR MATERIALS Construction Materials	AUT/2012	- AUT/9999	5.0	.	.	.	.	Y	.	.	.	.	.	.	.	.	.
					LAST UPDT: 12/11/12 APPROVED: 6/19/12 FEE TYPE: 1 \$35.00 BUDGET: 069644 REV OBJ CD: 943081 COMMENT: 12-12 ADD FEE														
CEE 342	FLUID MECHANICS FLUID MECHANICS	AUT/2008	- AUT/9999	4.0	.	.	.	.	Y	.	.	.	.	.	.	.	.	.
					LAST UPDT: 2/07/14 APPROVED: 12/01/99 FEE TYPE: 1 \$35.00 BUDGET: 069644 REV OBJ CD: 943081 COMMENT: ADD PREREQ														
CEE 347	FLUID MECHANICS Introduction to Fluid Mechanics	AUT/2012	- AUT/9999	5.0	.	.	.	.	Y	.	.	.	.	.	.	.	.	.
					LAST UPDT: 7/31/12 APPROVED: 6/19/12 FEE TYPE: 1 \$35.00 BUDGET: 069644 REV OBJ CD: 943081														
CEE 348	HYDROLOGY Hydrology and Environmental Fluid Mechanics	AUT/2016	- AUT/9999	4.0	.	.	.	.	Y	.	.	.	.	.	.	.	.	.
					LAST UPDT: 2/02/17 APPROVED: 12/01/99 FEE TYPE: 1 \$35.00 BUDGET: 069644 REV OBJ CD: 943081														
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														

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CURRIC NUM	COURSE TITLE	EFFECTIVE QUARTERS	QUARTER CREDITS	OVER 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	L	E	C	Q				T
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	ENV CHEM AND MICRO Introduction to Environmental Chemistry and Microbiology	AUT/2016 - SUM/2018	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:12/21/17				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	ENV ENG APPS Environmental Engineering Applications	WIN/2017 - SUM/2018	5.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 2/02/18				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						

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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 367	GEOTECHNICAL ENGR Geotechnical Engineering	AUT/2012 - AUT/9999	5.0	Y
	COMMENT:12-12 ADD FEE			LAST UPDT:12/11/12 APPROVED: 6/19/12 FEE TYPE:1 \$35.00 BUDGET:069644 REV OBJ CD:943081													
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 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													
CEE 405	TRAFFIC SIMULATION Traffic Simulation	SPR/2018 - AUT/9999	3.0
				LAST UPDT:12/21/17 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	MAX	P	SYS	D	HYPH	M R E			
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: 1/02/08 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														.
CEE 452	DES REINF CONCR STR Design of Reinforced Concrete Structures	AUT/2014 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:14-16 PREQ CHG			LAST UPDT: 6/29/15 APPROVED:12/01/99														.

FEE TYPE:1 \$105.00 BUDGET:069644 REV OBJ CD:943081

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				-ALL U	GRD		U N E	P	& N C M S N	A S W T P R G							
CEE 465	DATA ANALYSIS WATER Data Analysis in Water Sciences	AUT/2018 - AUT/9999	4.0
				LAST UPDT: 2/23/18		APPROVED: 2/20/18											
CEE 472	HYDR IN WATER RSRCS Introduction to Hydraulics in Water Resources	AUT/2013 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:EMAIL PREQ CHG			LAST UPDT: 5/16/13		APPROVED:12/01/99											
CEE 473	COASTAL ENGRNG I Coastal Engineering I	AUT/2014 - AUT/9999	3.0	.	.	.	.	Y	.	.	.	.	.	.	.	.	.
	COMMENT:14-16 DESC CHG			LAST UPDT: 7/23/14		APPROVED:12/01/99		FEE TYPE:1 \$35.00 BUDGET:069644 REV OBJ CD:943081									
CEE 474	SEDIMENT TRANSPORT Hydraulics of Sediment Transport	AUT/2013 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:EMAIL PREQ CHG			LAST UPDT: 2/07/13		APPROVED:12/01/99											
CEE 475	GROUNDWATER FLOW Analysis Techniques for Groundwater Flow	AUT/2014 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:14-16 DESC			LAST UPDT: 7/23/14		APPROVED:12/01/99											
CEE 476	PHYSICAL HYDROLOGY Physical Hydrology	AUT/2013 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:EMAIL PREQ CHG			LAST UPDT: 2/07/13		APPROVED:12/01/99											
CEE 477	OPEN-CHANNEL FLOW Open-Channel Flow	AUT/2014 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:14-16 DESC, TITLE CHG			LAST UPDT: 7/23/14		APPROVED:12/01/99											
CEE 478	WATER SYS MANAG & OP Water Systems Management and Operations	SPR/2018 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 1/25/18		APPROVED: 1/23/18											
CEE 480	AIR QLTY MODELING Air-Quality Modeling	AUT/2015 - AUT/9999	3.0	.	.	.	.	Y	.	Y	.	.	.	CEE 480	ATM S 480	.	.
	COMMENT:EMAIL PREQ CHG			LAST UPDT: 2/02/15		APPROVED:12/01/99		FEE TYPE:1 \$50.00 BUDGET:069644 REV OBJ CD:943081									

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				-ALL MAX	U P	GRD SYS	D E	U N	E M	R R	E E	P A	& S	N W	C T			
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 524	LAT EARTH PRESSURES Lateral Earth Pressures and Retaining Structures	AUT/2008 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:PREQ CHG PER 08-10 UPDATE			LAST UPDT: 1/02/08		APPROVED: 8/23/00												
CEE 528	GEOSYNTHETICS Geosynthetic Engineering	WIN/2001 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:WAS CESM 568			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 530	ENGINEER GEOLOGY II Engineering Geology II	WIN/2001 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:WAS CESM 570			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												

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					-ALL U	GRD										E
CEE 600	INDEPENDENT STUDY Independent Study or Research	AUT/2016 -	AUT/9999	1.0-05.0	999.0	.	.	11	
					LAST UPDT: 10/25/16		APPROVED: 2/21/01									
CEE 601	INTERNSHIP Internship	SPR/2017 -	AUT/9999	2.0	6.0	.	.	.	.	.	.	.	.	.	.
					LAST UPDT: 6/12/17		APPROVED: 9/24/01									
CEE 700	MASTERS THESIS Master's Thesis	SUM/2000 -	AUT/9999	0.0	999.0	.	.	11	.	.	.	.	.	.	.
					LAST UPDT: 4/19/10		APPROVED: 1/01/70									
COMMENT:REPL CIVE 700																
CEE 800	DOCTORAL DISSERTATN Doctoral Dissertation	SUM/2000 -	AUT/9999	0.0	999.0	.	.	11	
					LAST UPDT: 4/19/10		APPROVED: 1/01/70									
COMMENT:REPL CIVE 800																

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				-ALL U	GRD		U N E	P	& N C M S N	A S W T P R G							
CESG 501	STR MECHANICS Structural Mechanics	AUT/2017 - AUT/9999	6.0
				LAST UPDT: 9/27/17		APPROVED: 1/28/00											
CESG 502	STR DYNAMICS Structural Dynamics	AUT/2017 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:10/11/17		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	AUT/2017 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:10/11/17													
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	SOIL DYNAMICS Soil Dynamics	WIN/2018 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:11/29/17		APPROVED: 8/23/00											
CESG 562	ADV GEOTECH LAB Advanced Geotechnical Laboratory	AUT/2017 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 9/27/17		APPROVED: 8/23/00											
CESG 563	ADV FOUNDATION ENG Advanced Foundation Engineering	WIN/2018 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:12/21/17		APPROVED:12/19/17											
CESG 564	COMP GEOMECHANICS Computational Geomechanics	WIN/2018 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:12/21/17		APPROVED:12/19/17											
CESG 566	GEOTECH EQ ENGRG Geotechnical Earthquake Engineering	WIN/2018 - AUT/9999	3.0
				LAST UPDT:12/26/17		APPROVED: 8/23/00											

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					-ALL	U		GRD	E	U	N	E	P	&	N			
CESG 576	ADV SOIL MECHANICS Advanced Soil Mechanics	AUT/2017 -	AUT/9999	4.0
LAST UPDT: 6/20/17 APPROVED: 6/06/17																		
CESG 599	SPECIAL TOPICS Special Topics in Structural & Geotechnical 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			
CESI 501	DIS RENEW POWER Distributed Renewable Power Systems	AUT/2018 - AUT/2018	3.0
				LAST UPDT:12/11/17		APPROVED: 4/18/17											
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	AUT/2018 - AUT/2018	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:12/11/17		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	AUT/2018 - AUT/2018	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:12/11/17		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	AUT/2018 - AUT/2018	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	AUT/2018 - AUT/2018	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	AUT/2018 - AUT/2018	3.0
				LAST UPDT:12/11/17		APPROVED: 4/18/17											

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				-ALL U	GRD		E	U N E	P	& N C M S N	A	S	W	T			
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	AUT/2018 - AUT/2018	1.0	.	CR/NC	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:12/11/17		APPROVED: 4/18/17											
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	AUT/2018 - AUT/2018	1.0	.	CR/NC	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:12/11/17		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	AUT/2018 - AUT/2018	1.0	.	CR/NC	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:12/11/17		APPROVED: 4/18/18											
CESI 512	REGULATE UTILITIES Regulating Electric Utilities	WIN/2019 - AUT/9999	1.0	.	CR/NC	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:10/25/17		APPROVED: 4/18/18											
CESI 513	OP AND MAINT WIND Operation and Maintenance of a Wind Farm	AUT/2018 - AUT/2018	1.0	.	CR/NC	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:12/11/17		APPROVED: 4/18/17											
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											

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				-ALL	U		GRD	E	U							
CET 512	TRANS DATA MANAGE Transportation Data Management	WIN/2018 - AUT/9999	3.0
				LAST UPDT:12/21/17				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								
CET 566	ENV ANALYSIS ASSESS Environmental Analysis and Assessment	AUT/2017 - AUT/9999	5.0	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:10/11/17				APPROVED: 4/17/12								
CET 567	HEALTH SUSTAIN TRAN Health and Sustainable Transportation	AUT/2017 - AUT/9999	5.0	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 9/27/17				APPROVED: 4/16/13								
CET 568	TRANS ECONOMICS Transportation Economics	AUT/2017 - AUT/9999	5.0	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:10/11/17				APPROVED: 4/16/13								
CET 569	SUSTAIN POLICY FIN Policy Development, Finance, and Sustainable Transportation	AUT/2017 - AUT/9999	5.0	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:10/11/17				APPROVED: 4/16/13								
CET 579	ADV TRAFFIC DET SYS Advanced Traffic Detection Systems	AUT/2017 - AUT/9999	3.0
				LAST UPDT:10/11/17				APPROVED: 1/31/05								

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				-ALL U	GRD		U N E	P	& N C M S N	A S W T P R G							
CET 580	URBAN TRANSPORT PLG Urban Transportation Planning	AUT/2017 - AUT/9999	4.0
				LAST UPDT: 9/27/17		APPROVED: 3/25/02											
CET 581	TRAVEL DEMAND FCAST Travel Demand Forecasting	AUT/2017 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:10/11/17		APPROVED: 6/28/00											
CET 582	INTELLGNT TRANS SYS Intelligent Transportation Systems	AUT/2017 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 9/27/17		APPROVED: 6/28/00											
CET 583	TRANSP ENRGY & SUST Transportation Energy and Sustainability	AUT/2017 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:10/11/17		APPROVED: 9/15/15											
CET 584	ANYL METH TRANS I Analytical Methods in Transportation I	AUT/2017 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	CET 584	IND E 546	.	.
				LAST UPDT:10/11/17		APPROVED: 1/28/00											
CET 585	ANLY METH TRANSP II Analytical Methods in Transportation II	AUT/2017 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:10/11/17		APPROVED: 6/28/00											
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 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:10/11/17		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											

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					-ALL	U		GRD	E	U		N	E	P	&	N				C
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 -	AUT/9999	3.0
					LAST UPDT:12/21/17					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	M	S
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	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:12/26/17		APPROVED: 1/28/00												CEWA 553 ATM S 525	.	
CEWA 554	ACOSTCS ENVRN NOISE Acoustics of Environmental Noise	WIN/2018 - AUT/9999	4.0			
				LAST UPDT:12/26/17		APPROVED: 7/16/70												M E 528 M E 528	.	

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					-ALL	U		GRD	E	U	N	E	P	&	N				C
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 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												
CEWA 574	SEDIMENT TRANSPORT Hydraulics of Sediment Transport	SPR/2018 -	AUT/9999	4.0	
					LAST UPDT:12/21/17		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						
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											

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						OVER D -ALL U MAX	GRD P	D E	S H F U N E M R E	L I P A	E L & S	E C M S T	Q N P P R	T S R G	COURSE	COURSES				
SCTL	501	LOGST AND ANALYSIS Logistics and Analysis	AUT/2013 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.
						LAST UPDT: 4/16/13 APPROVED: 4/16/13														.
SCTL	502	IT INTEGRATION IT Systems and Supply Chain Integration	WIN/2018 -	AUT/9999	5.0	.	.	.	.	.	.	.	.	.	.	.	.	.
						LAST UPDT:12/26/17 APPROVED: 4/16/13														.
SCTL	503	INVENTORY MGMT Inventory Management	SPR/2018 -	AUT/9999	5.0	.	.	.	.	.	.	.	.	.	.	.	.	.
						LAST UPDT: 2/22/18 APPROVED: 4/16/13														.
SCTL	504	FAC DES & OP MGMT Facility Design and Operations Management	WIN/2018 -	AUT/9999	5.0	.	.	.	.	.	.	.	.	.	.	.	.	.
						LAST UPDT:12/21/17 APPROVED: 4/16/13														.
SCTL	505	SUPPLY TRANS RISKS External Supply Chain Transportation Risks	AUT/2017 -	AUT/9999	5.0	.	.	.	.	.	.	.	.	.	.	.	.	.
						LAST UPDT:12/27/17 APPROVED:11/19/13														.
SCTL	506	FIN AND PERF MGMT Finance and Performance Management	WIN/2018 -	AUT/9999	5.0	.	.	.	.	.	.	.	.	.	.	.	.	.
						LAST UPDT:12/15/17 APPROVED: 6/03/14														.
SCTL	507	PRACTICUM I Practicum I: Project Plan	SPR/2015 -	SUM/2018	5.0	.	.	.	.	.	.	.	.	.	.	.	.	.
						LAST UPDT:11/21/17 APPROVED: 9/16/14														.
		COMMENT:END INITIAL DL																		
SCTL	507	PRACTICUM Practicum	AUT/2018 -	AUT/9999	5.0	.	.	.	.	.	.	.	.	.	.	.	.	.
						LAST UPDT:12/27/17 APPROVED: 9/16/14														.
SCTL	508	SUPPLY CHAIN COLLAB Collaboration Across the Supply Chain	SUM/2015 -	SPR/2018	5.0	.	.	.	.	.	.	.	.	.	.	.	.	.
						LAST UPDT:12/27/17 APPROVED:12/16/14														.
		COMMENT:END INITIAL DL																		
SCTL	508	SUPPLY CHAIN COLLAB Collaboration Across the Supply Chain	SUM/2018 -	AUT/9999	5.0	.	.	.	.	.	.	.	.	.	.	.	.	.
						LAST UPDT:12/27/17 APPROVED:12/16/14														.

