

DATE: 10-07-2019
TIME: 20:10:10

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 K
PAGE: 1,191

COLLEGE : J - Engineering
DEPARTMENT: AERONAUTICAL & ASTRO

COURSE CURRIC NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER D -ALL U MAX P	GRD SYS	D E HYPH	S H F U N E M R E	V L I P & N A S W	E E L C M T P R	W R G	RESPONS COURSE	JOINT COURSES	O M I T
A A	101 AIR/SPACE VEHICLES Air and Space Vehicles	AUT/1997 -	AUT/9999	5.0	.	.	.	. . Y	.	. . Y				.
LAST UPDT: 8/08/18 APPROVED: 2/14/97 FEE TYPE:1 \$25.00 BUDGET:069310 REV OBJ CD:943081														
A A	198 SPECIAL TOPICS Special Topics in Aeronautics and Astronautics	SUM/2009 -	AUT/9999	1.0-05.0	10.0	.	.	. . .	.	. . Y				.
LAST UPDT: 4/21/09 APPROVED: 4/21/09														
A A	210 ENGR STATICS Engineering Statics	WIN/2013 -	AUT/9999	4.0	.	.	.	. . .	.	. . Y				.
LAST UPDT:12/05/12 APPROVED: 3/15/99 COMMENT:EMAIL PREQ CHG														
A A	260 THERMODYNAMICS Thermodynamics	WIN/2013 -	AUT/9999	4.0	.	.	.	. . .	.	. . Y				.
LAST UPDT:12/05/12 APPROVED: 2/23/96 COMMENT:EMAIL PREQ CHG														
A A	299 UNDERGRAD RESEARCH Undergraduate Research	WIN/2007 -	AUT/9999	1.0-05.0	10.0	.	CR/NC	.	. . .					.
LAST UPDT:11/14/06 APPROVED:11/14/06														
A A	301 COMP AERODYNAMICS Compressible Aerodynamics	SUM/2013 -	AUT/9999	4.0	.	.	.	. . .	.					.
LAST UPDT: 6/05/13 COMMENT:CHG DESC, PREQ														
A A	302 INCOMP AERODYNAMICS Incompressible Aerodynamics	AUT/2018 -	AUT/9999	4.0	.	.	.	. . .	.					.
LAST UPDT: 8/10/18														
A A	310 ORB SPACE FLIGHT Orbital and Space Flight Mechanics	AUT/2000 -	AUT/9999	4.0	.	.	.	. . .	.					.
LAST UPDT: 2/28/00 APPROVED: 5/06/71 COMMENT:CD PROOF PREREQ CHANGE														
A A	311 ATM FLIGHT MECH Atmospheric Flight Mechanics	AUT/2016 -	AUT/9999	4.0	.	.	.	. . .	.					.
LAST UPDT: 8/25/16 APPROVED: 6/03/71														
A A	312 STRUCT VIBRATIONS Structural Vibrations	AUT/2000 -	AUT/9999	4.0	.	.	.	. . .	.					.
LAST UPDT: 2/28/00 APPROVED: 7/29/71 COMMENT:CD PROOF PREREQ CHANGE														

DATE: 10-07-2019
TIME: 20:10:10

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 K
PAGE: 1,192

COLLEGE : J - Engineering
DEPARTMENT: AERONAUTICAL & ASTRO

COURSE CURRIC NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER D -ALL U MAX P	D GRD SYS	D E HYPH	S H F U N E M R E	V L I P & N A S W	E E L C M S T P	W R Q T N G	RESPONS COURSE	JOINT COURSES	O M I T
A A	320 AEROSPACE INSTR Aerospace Instrumentation	AUT/2016	- AUT/9999	3.0	.	.	.	. . Y	.	.	.	.	.	.
					LAST UPDT: 8/25/16 APPROVED: 5/22/63 FEE TYPE:1 \$15.00 BUDGET:069310 REV OBJ CD:943081									
A A	321 AEROSPACE LAB I Aerospace Laboratory I	WIN/2017	- AUT/9999	3.0	.	.	.	. . Y	.	.	.	.	.	.
					LAST UPDT:10/04/17 APPROVED: 5/23/63 FEE TYPE:1 \$50.00 BUDGET:069626 REV OBJ CD:943081									
A A	322 AEROSPACE LAB II Aerospace Laboratory II	SPR/2016	- AUT/9999	3.0	.	.	.	. . Y	.	.	.	.	.	.
					LAST UPDT: 4/10/17 APPROVED: 5/23/63 FEE TYPE:1 \$50.00 BUDGET:069626 REV OBJ CD:943081									
A A	330 STRUCTRL ANLYS I STRUCTURAL ANALYSIS I	AUT/1996	- AUT/9999	4.0	.	.	.	. . .	.	.	.	.	.	.
					LAST UPDT: 4/02/97 COMMENT:CHANGE DESCRIPTION									
A A	331 AEROSPACE STRUCT I Aerospace Structures I	SUM/2013	- AUT/9999	4.0	.	.	.	. . .	.	.	.	.	.	.
					LAST UPDT: 6/13/13 COMMENT:CHG DESC									
A A	332 AEROSPACE STRUCT II Aerospace Structures II	SUM/2013	- AUT/9999	4.0	.	.	.	. . .	.	.	.	.	.	.
					LAST UPDT: 6/13/13 COMMENT:CHG DESC									
A A	370 INTRO APPLIED ANLYS INTRODUCTION TO APPLIED ANALYSIS	SPR/1996	- AUT/9999	3.0	.	.	.	. . .	.	.	.	.	.	.
					LAST UPDT:11/03/97 APPROVED: 9/18/69 COMMENT:CHANGE DESCRIPTION									
A A	395 UNDERGRAD SEMINAR Undergraduate Seminar	AUT/2017	- AUT/9999	1.0	4.0	.	CR/NC	.	.	.	.	.	.	.
					LAST UPDT: 6/12/17 APPROVED:11/14/06									
A A	400 GAS DYNAMICS Gas Dynamics	WIN/2010	- AUT/9999	3.0	.	.	.	. . .	.	.	.	.	.	.
					LAST UPDT: 2/11/19 COMMENT:10-12 PREQ CHG									

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

COLLEGE : J - Engineering
DEPARTMENT: AERONAUTICAL & ASTRO

DEPARTMENT: AERONAUTICAL & ASTRO										V L E W										O
COURSE		TITLE		EFFECTIVE QUARTERS		QUARTER	OVER D		D	S H F	L I	E E	Q T	RESPONS		JOINT		M		
CURRIC	NUM					CREDITS	MAX	U P	GRD	E	U N E	P & N	C M S N	A S W T P R G	COURSE		COURSES		I T	
A A	401	FLUID MECHANICS		WIN/1984 - AUT/9999		3.0		.	.		.	.	.	.	.	.	.	.		
						LAST UPDT:10/02/06													.	
						COMMENT:CHANGE DESCRIPTION													.	
A A	402	VISC FLUID MECHANICS		SPR/2018 - AUT/9999		3.0		.	.		.	.	.	.	.	.	.	.		
						LAST UPDT:10/18/17													.	
						Viscous Fluid Mechanics													.	
A A	405	AEROSPACE PLASMAS		AUT/2000 - AUT/9999		3.0		.	.		.	.	.	.	.	.	.	.		
						LAST UPDT: 2/28/00													.	
						Introduction to Aerospace Plasmas													.	
						COMMENT:CD PROOF PREREQ CHANGE													.	
A A	406	ELECTRIC PROPULSION		AUT/2019 - AUT/9999		3.0		.	.		.	.	.	.	.	.	.	.		
						LAST UPDT: 3/22/19 APPROVED: 6/01/99													.	
						Electric Propulsion													.	
A A	409	COMPUTER TOOLS		AUT/2007 - AUT/9999		2.0		.	.		.	.	.	.	.	.	.	.		
						LAST UPDT: 5/16/07 APPROVED:12/30/98													.	
						COMPUTER TOOLS FOR AEROSPACE ENGINEERS													.	
						COMMENT:CHG TITLES													.	
A A	410	AIRCRAFT DESIGN I		WIN/2017 - AUT/9999		4.0		.	.	12	.	.	Y	.	.	.	.	.		
						LAST UPDT: 8/25/16													.	
						FEE TYPE:1 \$50.00 BUDGET:069310 REV OBJ CD:943081													.	
						Aircraft Design I													.	
A A	411	AIRCRAFT DESIGN II		AUT/2000 - AUT/9999		4.0		.	.	22	.	.	Y	.	.	.	.	.		
						LAST UPDT: 2/10/17													.	
						FEE TYPE:1 \$50.00 BUDGET:069626 REV OBJ CD:943081													.	
						Aircraft Design II													.	
						COMMENT:EMAIL PREREQ CHANGE													.	
A A	419	AEROSPACE HEAT TSFR		AUT/2000 - AUT/9999		3.0		.	.		.	.	.	.	.	.	.	.		
						LAST UPDT: 2/28/00 APPROVED:12/06/91													.	
						Aerospace Heat Transfer													.	
						COMMENT:CD PROOF PREREQ CHANGE													.	
A A	420	SPACE SYS DESIGN I		WIN/2017 - AUT/9999		4.0		.	.	12	.	.	Y	.	.	.	.	.		
						LAST UPDT: 2/10/17 APPROVED: 6/28/79													.	
						FEE TYPE:1 \$50.00 BUDGET:069626 REV OBJ CD:943081													.	
						Spacecraft and Space Systems Design I													.	

DATE: 10-07-2019
TIME: 20:10:10

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 K
PAGE: 1,194

COLLEGE : J - Engineering
DEPARTMENT: AERONAUTICAL & ASTRO

COURSE CURRIC NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER D -ALL U MAX P	D GRD SYS	D E HYPH	S H F U N E M R E	V L I P & N A S W	E E L C M S T P	W R Q T N G	RESPONS COURSE	JOINT COURSES	O M I T
A A	421 SPACE SYS DESIGN II Spacecraft and Space System Design II	AUT/2000 - AUT/9999	4.0		.	.	22	. . Y	.	.	.	.	.	.
					LAST UPDT: 4/10/17 APPROVED:10/27/89 FEE TYPE:1 \$50.00 BUDGET:069626 REV OBJ CD:943081 COMMENT:EMAIL PREREQ CHANGE									
A A	430 FINTE ELEMENT ANALYS Finite Element Analysis in Aerospace	AUT/2009 - AUT/9999	3.0		.	.		. . .	.	.	.	.	.	.
					LAST UPDT: 4/25/18 COMMENT:CHG TITLES									
A A	431 PLATES AND SHELLS PLATES AND SHELLS	WIN/1976 - AUT/9999	3.0		.	.		. . .	.	.	.	.	.	.
					LAST UPDT: 4/03/97 COMMENT:CHANGE DESCRIPTION									
A A	432 AERO COMPOSITES Composite Materials for Aerospace Structures	AUT/2000 - AUT/9999	3.0		.	.		. . .	.	.	.	.	.	.
					LAST UPDT: 4/25/18 APPROVED: 2/23/89 COMMENT:EMAIL PREREQ CHANGE									
A A	440 FLIGHT MECH I Flight Mechanics I	WIN/2017 - AUT/9999	3.0		.	.		. . .	.	.	.	.	.	.
					LAST UPDT: 8/11/16									
A A	441 FLIGHT TEST ENGR Flight Test Engineering	SPR/2018 - AUT/9999	3.0		.	.		. . Y	.	.	.	.	.	.
					LAST UPDT: 2/11/19 FEE TYPE:1 \$45.00 BUDGET:069626 REV OBJ CD:943081									
A A	447 CONT IN AEROSP Control in Aerospace Systems	SUM/2013 - AUT/9999	4.0		.	.		. . .	.	.	.	.	.	.
					LAST UPDT: 6/05/13 COMMENT:CHG DESC									
A A	448 CTRL SYS SEN & ACT Control Systems Sensors and Actuators	SPR/2018 - AUT/9999	3.0		.	.		. . Y	.	.	.	.	.	.
					LAST UPDT: 1/25/18 APPROVED:12/06/93 FEE TYPE:1 \$45.00 BUDGET:069330 REV OBJ CD:943081									
A A	449 SPCL TOPIC IN CNTRL Special Topics in Controls	SPR/2013 - AUT/9999	3.0-05.0	5.0	.	.		. . .	.	.	.	.	.	.
					LAST UPDT: 1/16/13 APPROVED: 1/15/13									

REPORT: SR21010-R-01 K
PAGE: 1,195

DEPARTMENT: AERONAUTICAL & ASTRO																				O					
COURSE						QUARTER		OVER D		D		S H F		V		E E W				M					
CURRIC	NUM	TITLE	EFFECTIVE	QUARTERS	CREDITS	-ALL	U	GRD	E	HYPH	M	R	E	L	I	P	&	N	C	M	S	N	RESPONS	JOINT	I
						MAX	P	SYS	D					A	S	W	T	P	R	G		COURSE	COURSES	T	
A A	460	PROPULSION Propulsion	AUT/2019 -	AUT/9999	4.0		.		.		.	.	.	.	.	.	.	.	.	.	.			.	
						LAST UPDT:10/17/18 APPROVED:12/30/98																			
A A	461	AIRBREATH PROPL Air Breathing Propulsion	SPR/2018 -	AUT/9999	3.0		.		.		.	.	.	.	.	.	.	.	.	.	.			.	
						LAST UPDT:10/18/17																			
A A	462	ROCKET PROPULSION Rocket Propulsion	AUT/2019 -	AUT/9999	3.0		.		.		.	.	.	.	.	.	.	.	.	.	.			.	
						LAST UPDT: 3/22/19 APPROVED:10/27/89																			
A A	470	SYSTEMS ENGINEERING Systems Engineering	AUT/2007 -	AUT/9999	4.0		.		.		.	.	.	.	.	.	.	.	.	.	.	IND E 470	IND E 470	.	
						LAST UPDT: 6/26/07 APPROVED: 6/01/99																			
						COMMENT:WAS A A 280, CHG TLS, PRQ,DESC																			
A A	480	SYSTEMS DYNAMICS Systems Dynamics	AUT/2000 -	AUT/9999	3.0		.		.		.	.	.	.	.	.	.	.	.	.	.			.	
						LAST UPDT: 4/25/18																			
						COMMENT:EMAIL PREREQ CHANGE																			
A A	481	AEROELASTICITY INTRODUCTION TO AEROELASTICITY	SPR/1994 -	AUT/9999	3.0		.		.		.	.	.	.	.	.	.	.	.	.	.			.	
						LAST UPDT: 4/03/97																			
						COMMENT:CHANGE DESCRIPTION																			
A A	482	AERO ACOUSTICS AERONAUTICAL ACOUSTICS	AUT/1972 -	AUT/9999	3.0		.		.		.	.	.	.	.	.	.	.	.	.	.			.	
						LAST UPDT: 4/03/97 APPROVED: 4/27/72																			
A A	490	SPACE LAW & POLICY Space Law and Policy	SUM/2019 -	AUT/9999	5.0		.		.		.	.	.	.	Y	.	.	.	.	.	.	JSIS B444 ESS	488	.	
						LAST UPDT: 6/21/19 APPROVED: 2/19/19																			
						JSIS B 444																			
A A	497	AERO INDUSTRY TOUR AEROSPACE INDUSTRY TOUR	SPR/2003 -	AUT/9999	1.0	2.0	.	CR/NC	.		.	.	.	.	.	.	.	.	.	.	.			.	
						LAST UPDT: 3/19/03 APPROVED: 6/28/00																			
						COMMENT:CORRECTION-ADD MAX CREDITS																			
A A	498	SPECIAL TOPICS Special Topics	WIN/2007 -	AUT/9999	1.0-05.0	15.0	Y		.		.	.	.	.	.	.	.	.	.	.	.			.	
						LAST UPDT: 2/10/17 APPROVED: 6/25/81																			
						COMMENT:CHG CREDITS, TITLES																			

DATE: 10-07-2019
TIME: 20:10:10

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 K
PAGE: 1,196

COLLEGE : J - Engineering
DEPARTMENT: AERONAUTICAL & ASTRO

COURSE CURRIC NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER D -ALL U MAX P	D GRD SYS	D E HYPH	S H F U N E M R E	V L I P & N A S W	E E L C M S T P	W R Q T N G	RESPONS COURSE	JOINT COURSES	O M I T
A A	499 UNDERGRAD RESEARCH Undergraduate Research	SPR/2006	- AUT/9999	1.0-05.0	10.0 Y	.	.	.	.	.	.	.	.	.
					LAST UPDT: 3/21/06									
COMMENT:CHG TITLES, DESCR														
A A	501 ADV GAS DYNAMICS Advanced Gas Dynamics	SPR/2018	- AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.
					LAST UPDT:10/18/17									
A A	502 PHYS GASDYNMCS II PHYSICAL GASDYNAMICS II	WIN/1984	- AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.
					LAST UPDT: 4/03/97									
COMMENT:CHANGE DESCRIPTION														
A A	503 CONTINUUM MECH Continuum Mechanics	AUT/2009	- AUT/9999	3.0	.	.	.	.	.	.	.	A A	503 M E	503 .
					LAST UPDT: 4/20/09									
COMMENT:CHG JT STATUS,WAS A A 575, DSC														
A A	504 COMP FLUID MECH Compressible Fluid Mechanics	SUM/2014	- AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.
					LAST UPDT: 4/10/14									
COMMENT:EMAIL PREQ CHG														
A A	505 FLD MECH INVI FL I FLUID MECHANICS OF INVISCID FLOW I	WIN/1984	- AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.
					LAST UPDT: 4/03/97									
COMMENT:CHANGE DESCRIP, PREREQUISITES														
A A	506 VORTEX-DOMIN FLOWS Vortex-Dominated Flows	SUM/2014	- AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.
					LAST UPDT: 4/10/14 APPROVED: 5/20/08									
COMMENT:EMAIL PREQ CHG														
A A	507 INCOMP FLUID MECH Incompressible Fluid Mechanics	SPR/2018	- AUT/9999	3.0	.	.	.	.	.	.	.	A A	507 M E	507 .
					LAST UPDT:10/18/17									
A A	508 TURBULENCE Turbulence	AUT/2010	- AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.
					LAST UPDT: 2/04/15									
COMMENT:CHG TITLES, PREQ														

DATE: 10-07-2019
TIME: 20:10:10

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 K
PAGE: 1,197

COLLEGE : J - Engineering
DEPARTMENT: AERONAUTICAL & ASTRO

COURSE CURRIC NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER D -ALL U MAX P	D GRD E SYS D	S H F U N E M R E	V L I P & N A S W	E E L C Q N C M S T P R G	W R N	RESPONS COURSE	JOINT COURSES	O M I T		
A A	510	MATH FOUND SYST THR	AUT/2014 - AUT/9999	4.0	.	.	.	.	.	.	E E	510	E E	510	.
					LAST UPDT: 7/31/14										
										CHEM E 510					
										M E 510					
A A	513	GAS LASERS	SPR/1996 - AUT/9999	3.0	.	.	.	.	.	.					.
					LAST UPDT: 5/05/17					APPROVED: 3/18/71					
A A	516	STAB & CON FLT VEH	SUM/2018 - AUT/9999	3.0	.	.	.	.	.	.					.
					LAST UPDT: 5/11/18										
A A	518	AUTO CON FLT VEH	SPR/1998 - AUT/9999	3.0	.	.	.	.	.	.					.
					LAST UPDT: 5/11/18										
A A	520	SEMINAR	AUT/1997 - AUT/9999	1.0	10.0	.	CR/NC	.	13	.					.
					LAST UPDT: 5/30/97										
A A	523	SPEC TPC FLUID PHYS	WIN/1975 - AUT/9999	3.0	.	.	.	.	.	.					.
					LAST UPDT: 4/03/97										
A A	524	AEROACOUSTICS	AUT/2009 - AUT/9999	3.0	.	.	.	.	.	.					.
					LAST UPDT: 4/20/09					APPROVED: 5/29/92					
A A	525	ADV AIRBREATH PROPL	SPR/2018 - AUT/9999	3.0	.	.	.	.	.	.					.
					LAST UPDT:10/18/17										
A A	526	AERO ENGINE SYSTEM	AUT/1992 - AUT/9999	3.0	.	.	.	.	.	.					.
					LAST UPDT:10/02/06					APPROVED: 5/29/92					

COMMENT:WAS A A 524

DATE: 10-07-2019
TIME: 20:10:10

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 K
PAGE: 1,198

COLLEGE : J - Engineering
DEPARTMENT: AERONAUTICAL & ASTRO

COURSE CURRIC NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER D -ALL U MAX P	D GRD SYS	D E HYPH	S H F U N E M R E	V L I P & N A S W	E E L C M S T P	W R Q T N G	RESPONS COURSE	JOINT COURSES	O M I T
A A	527 SPACE POWER SYSTEM Space Power Systems	WIN/2009	- AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.
LAST UPDT: 1/21/09 APPROVED: 1/20/09														
A A	528 SPACE DYN & CONTROL Spacecraft Dynamics and Control	WIN/2008	- AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.
LAST UPDT:10/30/07 APPROVED:10/30/07														
A A	529 SPACE PROPULSION Space Propulsion	AUT/1972	- AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.
LAST UPDT: 4/03/97 APPROVED: 9/18/69														
A A	530 MECHANICS OF SOLIDS Mechanics of Solids	AUT/1989	- AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.
LAST UPDT: 4/03/97														
COMMENT:CHANGE DESCRIPTION														
A A	531 FRACTURE & SCALING Quasibrittle Fracture Mechanics and Scaling	SPR/2019	- AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.
LAST UPDT: 3/28/19														
A A	532 MECH COMP MATERIALS Mechanics of Composite Materials	WIN/2012	- AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.
LAST UPDT:12/08/11														
COMMENT:EMAIL PREQ CHG														
A A	533 MTRLs &PROCESS TECH Materials and Processing Technology of Aerospace Composites	WIN/2012	- AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.
LAST UPDT: 5/05/17 APPROVED: 1/18/11														
COMMENT:EMAIL PREQ CHG														
A A	534 COMPOSITE STRUCT Integrity of Composite Aircraft Structures	WIN/2012	- AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.
LAST UPDT: 5/05/17 APPROVED: 9/15/09														
COMMENT:EMAIL PREQ CHG														
A A	535 ADV COMPOSITE STRUC Advanced Composite Structural Analysis	SPR/2012	- AUT/9999	3.0	.	.	.	.	.	.	.	A A	535 M E	500 .
LAST UPDT: 2/29/12 APPROVED: 2/28/12														
A A	538 STRUCTURAL OPTIM Introduction to Structural Optimization	SUM/2008	- AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.
LAST UPDT: 5/21/08 APPROVED: 5/20/08														

REPORT: SR21010-R-01 K
PAGE: 1,199

DEPARTMENT: AERONAUTICAL & ASTRO										V L E E W L I E C Q P & N C M S N A S W T P R G										O M I T						
COURSE		TITLE		EFFECTIVE QUARTERS		QUARTER	OVER	D	D	S	H	F								RESPONS	JOINT					
CURRIC	NUM					CREDITS	-ALL	U	GRD	E	U	N	E								COURSE	COURSES				
							MAX	P	SYS	D	HYPH	M	R	E										T		
A A	540	FINITE ELM ANLYS I Finite Element Analysis I		WIN/1984 - AUT/9999		3.0		.		.		.	.	.										.		
						LAST UPDT: 4/03/97																				
						COMMENT:CHANGE DESCRIPTION																				
A A	541	FINITE ELM ANLYS II Finite Element Analysis II		WIN/1984 - AUT/9999		3.0		.		.		.	.	.										.		
						LAST UPDT: 4/03/97																				
						COMMENT:CHANGE DESCRIPTION																				
A A	543	COMPRESSIBLE CFD Computational Fluid Dynamics of Compressible Flows		WIN/2019 - AUT/9999		3.0		.		.		.	.	.										.		
						LAST UPDT: 6/11/18																				
A A	544	INCOMPRESSIBLE CFD Computational Fluid Dynamics of Incompressible Flows		WIN/2019 - AUT/9999		3.0		.		.		.	.	.										.		
						LAST UPDT: 6/11/18 APPROVED: 6/23/83																				
A A	545	COMP MTHDS PLASMAS Computational Methods for Plasmas		SPR/2007 - AUT/9999		3.0		.		.		.	.	.										.		
						LAST UPDT:12/13/06 APPROVED:12/13/06																				
A A	546	ADV TPCS CTRL SYST Advanced Topics in Control System Theory		AUT/2005 - AUT/9999		3.0		.		.		.	.	.										.		
						LAST UPDT: 3/31/05 APPROVED: 3/29/05																				
A A	547	LINEAR SYSTEMS Linear Systems Theory		AUT/2018 - AUT/9999		4.0		.		.		.	.	.								E E	547 M E	547	.	
						LAST UPDT:12/20/18																		E E	547	
A A	548	LIN MULTVAR CONTROL Linear Multivariable Control		AUT/2005 - AUT/9999		3.0		.		.		.	.	.								E E	548 M E	548	.	
						LAST UPDT: 3/21/16																		E E	548	
						COMMENT: CHG PREREQ																				
A A	549	ST EST & KALMAN FLTR Estimation and System Identification		AUT/2012 - AUT/9999		3.0		.		.		.	.	.								E E	549 M E	549	.	
						LAST UPDT: 3/21/16 APPROVED: 9/19/81																		E E	549	
						COMMENT:EMAIL PREQ CHG																				
A A	550	NONLIN OPT CONTROL Nonlinear Optimal Control		AUT/2014 - AUT/9999		3.0		.		.		.	.	.								E E	550 E E	550	.	
						LAST UPDT: 7/31/14 APPROVED: 9/18/81																		M E	550	
						COMMENT:14-16 PREQ CHG																				

REPORT: SR21010-R-01 K
PAGE: 1,200

DEPARTMENT: AERONAUTICAL & ASTRO

DEPARTMENT: AERONAUTICAL & ASTRO																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
----------------------------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

DATE: 10-07-2019
TIME: 20:10:10

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 K
PAGE: 1,201

COLLEGE : J - Engineering
DEPARTMENT: AERONAUTICAL & ASTRO

COURSE CURRIC NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER D -ALL U MAX P	D GRD SYS	D E HYPH	S H F U N E M R E	V L I P & N	E E L C M S	W R Q T P R G	RESPONS COURSE	JOINT COURSES	O M I T
A A	564 KIN THRY RADIAT TR Kinetic Theory/Radiative Transfer	AUT/2009 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.
					LAST UPDT: 4/20/09									
COMMENT:WAS A A 503														
A A	565 FUSION REACTOR FNDM Fusion Reactor Fundamentals	WIN/1993 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.
					LAST UPDT:10/02/06 APPROVED: 3/29/93									
COMMENT:WAS NUC E 565														
A A	570 MANIFOLDS AND GEOM Manifolds and Geometry for Systems and Control	AUT/2007 -	AUT/9999	3.0	.	.	.	.	.	.	.	A A	570 E E	570 .
					LAST UPDT: 4/05/07 APPROVED: 2/21/07									
					M E 570									
A A	571 PRIN OF DYNAM I Principles of Dynamics I	AUT/1969 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.
					LAST UPDT: 2/11/19									
A A	578 CONVEX OPTIMIZATION Convex Optimization	AUT/2017 -	AUT/9999	4.0	.	.	.	.	.	.	.	E E	578 M E	578 .
					LAST UPDT: 5/31/18 APPROVED: 3/29/05									
					CSE 578 E E 578									
A A	580 GEOMETRIC METHODS Geometric Methods for Non-Linear Control Systems	SPR/2007 -	AUT/9999	3.0	.	.	.	.	.	.	.	A A	580 E E	580 .
					LAST UPDT: 2/25/16 APPROVED: 2/21/07									
					M E 580									
A A	581 DIGITAL CONTROL SYS Digital Control System Design	WIN/2017 -	AUT/9999	4.0	.	.	.	. Y	.	.	.	M E	581 E E	581 .
					LAST UPDT: 6/13/16 APPROVED: 4/29/96									
					FEE TYPE:1 \$50.00 BUDGET:069397 REV OBJ CD:943081									
A A	582 DISCRETE EVENT SYS Introduction to Discrete Event Systems	AUT/2005 -	AUT/9999	3.0	.	.	.	.	.	.	.	M E	582 E E	582 .
					LAST UPDT: 3/22/16 APPROVED: 4/29/96									
					M E 582									
COMMENT:CHG TITLES, DESCRIPT, PREREQ														
A A	583 NONLINEAR CONTR SYS Nonlinear Control Systems	AUT/2005 -	AUT/9999	3.0	.	.	.	.	.	.	.	E E	583 M E	583 .
					LAST UPDT: 3/21/16									
					E E 583									
COMMENT:CHANGED JOINT STATUS-NEW A A														

REPORT: SR21010-R-01 K
PAGE: 1,202

DEPARTMENT: AERONAUTICAL & ASTRO

DEPARTMENT: AERONAUTICAL & ASTRO										V	L	E	W	O		
COURSE		TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER D	D	S H F	L I	E C Q	R	RESPONS	JOINT	M		
CURRIC	NUM					MAX	U P	GRD	E	HYPH	M R E				A S	N C M S N
A A	585	SYS ID & ADAPT CTRL System Identification and Adaptive Control	AUT/2012 - AUT/9999	3.0		.	.	.	.	.	.	E E	585 E E	585 .		
						LAST UPDT:	4/24/12	APPROVED:	3/29/05						M E	585
COMMENT:EMAIL PREQ CHG																
A A	589	SPEC TPCS SOLD MECH Special Topics in Solid Mechanics	AUT/2005 - AUT/9999	4.0		.	.	.	.	.	.			.		
						LAST UPDT:	9/28/09									
COMMENT:WAS A A 583																
A A	590	SPACE LAW & POLICY Space Law and Policy	SUM/2019 - AUT/9999	5.0		.	.	.	.	.	.	JSIS B544	ESS	584 .		
						LAST UPDT:	6/21/19	APPROVED:	2/19/19						JSIS B 544	
A A	591	ROBOT & CONTR COLL Robotics and Control Systems Colloquium	AUT/1996 - AUT/9999	1.0	30.0	Y	CR/NC	.	.	.	.	A A	591	CHEM E591 .		
						LAST UPDT:	5/16/13	APPROVED:	10/27/93						E E	591
COMMENT:5-16 RETRO MAX																
A A	593	FEEDFORWARD CONTROL Feedforward Control	SPR/2006 - AUT/9999	3.0		.	.	.	.	.	.	M E	593 E E	593 .		
						LAST UPDT:	3/22/16	APPROVED:	4/25/05						M E	593
A A	594	ROBUST CONTROL Robust Control	WIN/2010 - AUT/9999	3.0		.	.	.	.	.	.	A A	594 E E	594 .		
						LAST UPDT:	8/17/09	APPROVED:	3/29/05						M E	594
COMMENT:CHG PREQ																
A A	595	GLBL INT SYS ENGR Global Integrated Systems Engineering	AUT/2016 - AUT/9999	4.0-05.0	9.0	.	.	11	.	.	.	IND E	595	IND E 595 .		
						LAST UPDT:	1/10/17	APPROVED:	6/17/08							
A A	596	GISE PROJECT Global Integrated Systems Engineering Project	SPR/2011 - AUT/9999	3.0		.	.	.	.	.	.	IND E	596	IND E 596 .		
						LAST UPDT:	8/27/10	APPROVED:	8/24/10							
A A	597	NETWORKED DYN SYS Networked Dynamics Systems	AUT/2008 - AUT/9999	3.0		.	.	.	.	.	.	A A	597 E E	597 .		
						LAST UPDT:	2/20/08	APPROVED:	2/19/08						M E	597
A A	598	SPECIAL TOPICS Special Topics in Aeronautics and Astronautics	AUT/2009 - AUT/9999	1.0-05.0	30.0	Y	.	.	.	.	.			.		
						LAST UPDT:	5/16/13	APPROVED:	6/16/09							
COMMENT:5/2013 RETRO MAX																

DATE: 10-07-2019
TIME: 20:10:10

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 K
PAGE: 1,203

COLLEGE : J - Engineering
DEPARTMENT: AERONAUTICAL & ASTRO

CURRIC	COURSE NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER -ALL MAX	D U P	GRD SYS	D E D	HYPH	S H M	F U R	E N E	V L P A	E E N C M S T P R G	W R Q T P R G	RESPONS COURSE	JOINT COURSES	O M I T
A A	599	SPECIAL PROJECTS Special Projects	SPR/1976 -	AUT/9999	1.0-05.0	30.0	Y	.	.	.	.	.	.	.	.	.	.	.	.
						LAST UPDT: 5/16/13													
						COMMENT:5/2013 RETRO MAX													
A A	600	INDEPNONT STDY/RSCH Independent Study or Research	SUM/1969 -	AUT/9999	0.0	999.0	Y	.	11	.	.	.	.	.	.	.	.	.	
						LAST UPDT: 5/07/12													
A A	700	MASTERS THESIS Master's Thesis	WIN/1963 -	AUT/9999	0.0	999.0	Y	.	11	.	.	.	.	.	.	.	.	.	
						LAST UPDT: 5/07/12 APPROVED: 1/01/70													
A A	800	DOCTORAL DISSERTATN Doctoral Dissertation	AUT/1970 -	AUT/9999	0.0	999.0	Y	.	11	.	.	.	.	.	.	.	.	.	
						LAST UPDT: 5/07/12 APPROVED: 1/01/70													

REPORT: SR21010-R-01 K
PAGE: 1,204

DEPARTMENT: AERONAUTICAL & ASTRO					OVER D	D	S H F	V	E E	L	W	R	O
COURSE	TITLE	EFFECTIVE	QUARTERS	QUARTER	-ALL U	GRD	E	U N E	P	L I	E C	Q T	M
CURRIC	NUM			CREDITS	MAX	P	SYS	D HYPH	M R E	A S W	T P R	G	I T
A E	501	ANALYTICAL METHODS	AUT/2013 - AUT/9999	4.0		.	.	.	.	.	.	.	.
		Analytical Methods for Aerospace Engineering											
					LAST UPDT:	6/06/13	APPROVED:	6/04/13					
A E	510	LINEAR SYSTEMS	AUT/2014 - AUT/9999	4.0		.	.	.	.	.	.	.	.
		Linear Systems Theory											
					LAST UPDT:	11/19/14	APPROVED:	11/18/14					
A E	511	CLASSICAL CONTROL	AUT/2014 - AUT/9999	4.0		.	.	.	.	.	.	.	.
		Classical Control Theory											
					LAST UPDT:	11/19/14	APPROVED:	11/18/14					
A E	512	STABILITY & CONTROL	AUT/2014 - AUT/9999	4.0		.	.	.	.	.	.	.	.
		Dynamics, Stability, and Control of Vehicles											
					LAST UPDT:	11/19/14	APPROVED:	11/18/14					
A E	513	MULTIVAR CTRL	SUM/2018 - AUT/2020	4.0		.	.	.	.	.	.	.	.
		Multivariable Control											
					LAST UPDT:	7/19/19	APPROVED:	2/21/17					
A E	513	MULTIVAR CTRL	WIN/2021 - AUT/9999	4.0		.	.	.	.	.	.	.	.
		Multivariable Control											
					LAST UPDT:	7/19/19	APPROVED:	2/21/17					
A E	514	ESTIMATION THEORY	SUM/2018 - AUT/2020	4.0		.	.	.	.	.	.	.	.
		Estimation Theory											
					LAST UPDT:	7/19/19	APPROVED:	2/21/17					
A E	514	ESTIMATION THEORY	WIN/2021 - AUT/9999	4.0		.	.	.	.	.	.	.	.
		Estimation Theory											
					LAST UPDT:	7/19/19	APPROVED:	2/21/17					
A E	519	AE TOPICS: CONTROLS	AUT/2018 - AUT/9999	4.0	8.0	.	.	.	.	.	.	.	.
		Special Topics in Aerospace Engineering: Controls											
					LAST UPDT:	12/16/16	APPROVED:	11/18/14					
A E	520	FUND FLUID DYNAMICS	AUT/2014 - AUT/9999	4.0		.	.	.	.	.	.	.	.
		Fundamentals of Fluid Dynamics											
					LAST UPDT:	1/08/15	APPROVED:	11/18/14					
A E	521	AIRCRAFT PROPULSIONS	WIN/2018 - AUT/2020	4.0		.	.	.	.	.	.	.	.
		Aircraft Propulsions											
					LAST UPDT:	7/19/19	APPROVED:	2/21/17					

REPORT: SR21010-R-01 K
PAGE: 1,205

REPORT: SR21010-R-01 K
PAGE: 1,206

DATE: 10-07-2019
TIME: 20:10:10

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 K
PAGE: 1,207

COLLEGE : J - Engineering
DEPARTMENT: AERONAUTICAL & ASTRO

COURSE CURRIC NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER D -ALL U MAX P	D GRD E SYS D	S H F U N E M R E	V L I P & N A S W	E E L E C M S T P R	W R G	RESPONS COURSE	JOINT COURSES	O M I T
A E	554 MANUFACT AERO COMP Manufacture of Aerospace Composites	WIN/2021 - AUT/9999	4.0		.	.	.	.	.	.			.
LAST UPDT: 7/19/19 APPROVED: 2/21/17													
A E	559 AE TOPICS: COMPSTS Special Topics in Aerospace Engineering: Composites	AUT/2018 - AUT/9999	4.0		8.0	.	.	.	.	.			.
LAST UPDT:12/16/16 APPROVED:11/18/14													
A E	598 AERO ENG COLLOQUIUM Aerospace Engineering Colloquium	AUT/2013 - AUT/9999	1.0		30.0	.	CR/NC	.	.	.			.
LAST UPDT: 1/15/14 APPROVED: 6/04/13													

DATE: 10-07-2019
TIME: 20:10:10

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 K
PAGE: 1,208

COLLEGE : J - Engineering
DEPARTMENT: CHEMICAL ENGR

COURSE CURRIC NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER D -ALL U	GRD SYS	D E	S H F U N E M R E	V L I P & N A S W	E E L C M T P R	W R Q T S N G	RESPONS COURSE	JOINT COURSES	O M I T
CHEM E 198	CAREER PLANNING II CAREER PLANNING II	SPR/1972 -	AUT/9999	1.0	.	.	.	.	.	.	.	.	.	.
					LAST UPDT:10/02/06 APPROVED:11/11/71									
CHEM E 299	UNDERGRAD RESEARCH Undergraduate Research	SPR/2012 -	AUT/9999	1.0-03.0	9.0	.	.	.	.	.	.	.	.	.
					LAST UPDT: 6/17/15 APPROVED:12/20/11									
CHEM E 301	LEADERSHIP SEMINAR Leadership Seminar	AUT/2008 -	AUT/9999	1.0	.	CR/NC	.	.	.	.	.	.	.	.
					LAST UPDT: 3/14/07 APPROVED: 3/13/07									
CHEM E 309	CREAT INNOVATION Creativity and Innovation	AUT/2010 -	AUT/9999	2.0	.	.	.	.	Y	.	.	BSE	309 BSE	309 .
					LAST UPDT: 6/16/10 APPROVED:11/22/82									
					COMMENT:CHG JT STATUS									
CHEM E 310	MATERL & ENRGY BAL Material and Energy Balances	SPR/2011 -	AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.
					LAST UPDT: 2/25/11 APPROVED: 3/27/80									
					COMMENT:EMAIL PREQ CHG									
CHEM E 325	ENERGY AND ENTROPY Energy and Entropy	AUT/2012 -	AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.
					LAST UPDT: 7/13/12 APPROVED: 6/16/09									
					COMMENT:12-13 PREQ CHG									
CHEM E 326	CH E THERMODYNAMICS Chemical Engineering Thermodynamics	AUT/2012 -	AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.
					LAST UPDT: 7/13/12 APPROVED: 2/01/72									
					COMMENT:12-14 PREQ CHG									
CHEM E 330	TRANSPORT PROCESS I Transport Processes I	WIN/2007 -	AUT/9999	5.0	.	.	.	.	.	.	.	.	.	.
					LAST UPDT:10/02/06									
					COMMENT:CHG CRS									
CHEM E 340	TRANSP PROCESS II Transport Processes II	WIN/1990 -	AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.
					LAST UPDT:10/02/06									
					COMMENT:CHG CREDITS									

DATE: 10-07-2019
TIME: 20:10:10

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 K
PAGE: 1,209

COLLEGE : J - Engineering
DEPARTMENT: CHEMICAL ENGR

COURSE CURRIC NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER D -ALL U MAX P	D GRD SYS	D E HYPH	S H F U N E M R E	V L I P & N A S W	E E L C Q M S N T P R G	RESPONS COURSE	JOINT COURSES	O M I T		
CHEM E 341	ENERGY & ENVIRON Energy and Environment	AUT/2014 -	AUT/9999	3.0	.	.	.	.	.	Y	CHEM E341 M E	341	.		
COMMENT:CHG RESP DEPT					LAST UPDT: 2/19/14					APPROVED: 1/24/94					ENVIR 341
CHEM E 345	INTRO FUEL CELLS INTRODUCTION TO FUEL CELLS	AUT/2012 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.		
COMMENT:12-14 PREQ CHG					LAST UPDT:12/11/12					APPROVED: 6/25/03					.
CHEM E 355	BIO FOR ENGINEERS Biological Frameworks for Engineers	WIN/2015 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.		
COMMENT:EMAIL PREQ CHG					LAST UPDT:11/14/14					APPROVED: 2/25/02					.
CHEM E 375	CH E COMPUTR SKILLS Chemical Engineering Computer Skills	WIN/2010 -	AUT/9999	2.0	.	.	.	.	.	.	.	.	.		
COMMENT:CHG GRADING					LAST UPDT:10/16/09					APPROVED: 6/25/03					.
CHEM E 434	PHYSIO PROC NANOMED Physiological Processes in Engineering Nanomedicine	SPR/2019 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.		
					LAST UPDT: 2/25/19					APPROVED: 2/19/19					.
CHEM E 435	TRANSP PROCESS III Transport Processes III	AUT/1973 -	AUT/9999	4.0	.	.	.	.	.	.	.	.	.		
					LAST UPDT: 7/10/09										.
CHEM E 436	CHEM ENGR LAB I Chemical Engineering Laboratory I	AUT/2012 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.		
COMMENT:12-14 PREQ CHG					LAST UPDT: 7/13/12										.
CHEM E 437	CHEM ENGR LAB II Chemical Engineering Laboratory II	WIN/1974 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.		
					LAST UPDT: 7/10/09										.
CHEM E 440	ENERGY MAT DEV & SYS Energy Materials, Devices, and Systems	AUT/2017 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.		
					LAST UPDT: 5/08/17					APPROVED: 3/21/17					CHEM 466 MSE 466
CHEM E 442	RENEWABLE ENERGY Renewable Energy	SPR/2014 -	AUT/9999	4.0	.	.	.	.	.	Y	M E 442 M E	442	.		
COMMENT:CHG PREQ - JT STATUS					LAST UPDT: 3/19/14					APPROVED: 5/24/93					.

DATE: 10-07-2019
TIME: 20:10:10

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 K
PAGE: 1,210

COLLEGE : J - Engineering
DEPARTMENT: CHEMICAL ENGR

COURSE CURRIC NUM	TITLE	EFFECTIVE QUARTERS	QUARTER CREDITS													RESPONS COURSE	JOINT COURSES	O M I T
				OVER D -ALL U MAX P	GRD SYS	D E D HYPH	S H F U N E M R E	V L P & N A S W	L I C M S T P R G	E E C Q T N R								
CHEM E 445	FUEL CELL ENGR Fuel Cell Engineering	SPR/2001 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 8/25/00						APPROVED: 8/23/00								
CHEM E 450	SLD MTLS& CHEM PROC SOLID STATE MATERIALS AND CHEMICAL PROCESSES	AUT/2012 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 7/13/12						APPROVED: 5/30/91								
				COMMENT:12-14 DESC, PREQ CHG														
CHEM E 455	SURF COLL SCI LAB Surface and Colloid Science Laboratory	WIN/2010 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 6/17/09						APPROVED: 3/01/80								
				COMMENT:CHG CREDITS, PREQ, DESC														
CHEM E 457	PRIN MOLECULAR ENGR Principles of Molecular Engineering	SPR/2013 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:12/19/12						APPROVED:12/18/12								
CHEM E 458	SURFACE ANALYSIS Surface Analysis	WIN/1989 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	BIOEN 492	BIOEN 492	.
				LAST UPDT:10/17/00						APPROVED:12/17/87								
CHEM E 460	POLYCHEM LAB Polymer chemistry Laboratory	SPR/2017 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 5/11/17						APPROVED: 6/07/16								
CHEM E 461	ELECTROCHEMICAL ENG Electrochemical Engineering	WIN/1993 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:12/14/92						APPROVED: 5/29/92								
CHEM E 465	REACTOR DESIGN Reactor Design	WIN/2008 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 6/21/07														
				COMMENT:CHG DESC														
CHEM E 467	BIOCHEMICAL ENGRING Biochemical Engineering	WIN/1988 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	CHEM E467	BIOEN 467	.
				LAST UPDT:10/04/94						APPROVED:12/17/87								
CHEM E 468	AIR P CONT DESIGN Air-Pollution Control Equipment Design	SUM/2000 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	CEE 494	M E 468	.
				LAST UPDT: 5/30/19						APPROVED:12/01/99						CEE 494		

DATE: 10-07-2019
TIME: 20:10:10

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 K
PAGE: 1,211

COLLEGE : J - Engineering
DEPARTMENT: CHEMICAL ENGR

COURSE CURRIC NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER D -ALL U MAX P	D GRD SYS	D E HYPH	S H F U N E M R E	V L I P & N A S W	E E L C M S T P	W R Q T N G	RESPONS COURSE	JOINT COURSES	O M I T
CHEM E 480	PROC DYNM & CONTRL Process Dynamics and Control	WIN/2008 -	AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.
COMMENT:CHG DESC					LAST UPDT: 6/21/07									
CHEM E 481	PROCESS OPTIMIZATN Process Optimization	SPR/1968 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.
					LAST UPDT: 6/06/06									
CHEM E 482	ADVANCED CONTROL Advanced Topics in Process Control	SPR/1988 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.
					LAST UPDT: 3/14/94 APPROVED:12/01/87									
CHEM E 484	ELECTRONIC POLYMERS Electronic and Optoelectronic Polymers	AUT/2003 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.
COMMENT:CONVERSION OF TEMP COURSE					LAST UPDT: 6/26/03 APPROVED: 6/25/03									
CHEM E 485	PROCESS DESIGN I Process Design I	WIN/2008 -	AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.
COMMENT:CHG DESC					LAST UPDT: 6/21/07 APPROVED: 4/01/80									
CHEM E 486	PROCESS DESIGN II Process Design II	AUT/2012 -	AUT/9999	5.0	.	.	.	.	.	.	.	.	.	.
COMMENT:12-14 DESC CHG					LAST UPDT: 7/13/12									
CHEM E 490	ENG MATLS BIOMED AP Engineering Materials for Biomedical Applications	SPR/1978 -	AUT/9999	3.0	.	.	.	.	.	.	.	BIOEN 490	BIOEN 490	.
					LAST UPDT:10/02/06 APPROVED: 9/23/71									
CHEM E 491	CONTROLLED REL SYS Controlled-Release Systems	WIN/2015 -	AUT/9999	3.0	.	.	.	.	.	.	.	BIOEN 491	BIOEN 491	.
COMMENT:CHANGE TITLES					LAST UPDT: 4/16/14 APPROVED:11/17/77									
CHEM E 493	ADV SURFACE ANLYS Advanced Surface Analysis	AUT/2012 -	AUT/9999	3.0	.	.	.	.	.	.	.	BIOEN 493	BIOEN 493	.
					LAST UPDT: 4/18/12 APPROVED: 4/17/12									

REPORT: SR21010-R-01 K
PAGE: 1,212

DATE: 10-07-2019
TIME: 20:10:10

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 K
PAGE: 1,213

COLLEGE : J - Engineering
DEPARTMENT: CHEMICAL ENGR

COURSE CURRIC NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER D -ALL U MAX P	D GRD SYS	D E HYPH	S H F U N E M R E	V L I P & N A S W	E E L C M S T P	W R Q T N G	RESPONS COURSE	JOINT COURSES	O M I T
CHEM E 526	TPCS IN THERMODYNAM TOPICS IN THERMODYNAMICS	AUT/1982 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.
					LAST UPDT:12/11/12									
COMMENT:CHG DESC														
CHEM E 530	MOMNT,HT,MS TR I Momentum, Heat, and Mass Transfer I	AUT/1986 -	AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.
					LAST UPDT: 2/26/10									
CHEM E 531	MOMNT,HT,MS TR II Momentum, Heat, and Mass Transfer II	WIN/2001 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.
					LAST UPDT:10/02/06 APPROVED: 5/23/63									
COMMENT:CHANGE CREDITS														
CHEM E 532	SEPARATION PROCESS SEPARATION PROCESSES	AUT/1982 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.
					LAST UPDT:10/02/06									
COMMENT:CHG DESC														
CHEM E 533	MASS TRANSFER MASS TRANSFER	WIN/1982 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.
					LAST UPDT: 0/00/00 APPROVED: 9/01/81									
CHEM E 534	PHYSIO PROC NANOMED Physiological Processes in Engineering Nanomedicine	SPR/2019 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.
					LAST UPDT: 2/25/19 APPROVED: 2/19/19									
CHEM E 535	NANOMAT CHEM ENGR Nanomaterials Chemistry and Engineering	SPR/2019 -	AUT/9999	3.0	.	.	.	.	.	.	.	CHEM E535	CHEM 587	.
					LAST UPDT: 4/19/18 APPROVED: 4/17/18									
CHEM E 540	ENERGY MAT DEV & SYS Energy Materials, Devices, and Systems	AUT/2017 -	AUT/9999	3.0	.	.	.	.	.	.	.	CHEM 566	MSE 566	.
					LAST UPDT: 5/08/17 APPROVED: 3/21/17									
					CHEM 566									
CHEM E 545	DATA SCI CLEAN ENRG Data Science Methods for Clean Energy Research	WIN/2019 -	AUT/9999	3.0	.	.	.	.	.	.	.	CHEM E545	CHEM 545	.
					LAST UPDT:12/19/18 APPROVED: 4/18/17									
					MSE 545									
CHEM E 546	SW ENGR MOL DATA SCI Software Engineering for Molecular Data Scientists	WIN/2019 -	AUT/9999	3.0	.	.	.	.	.	.	.	CHEM E546	MSE 546	.
					LAST UPDT:12/19/18 APPROVED: 4/18/17									
					CHEM 546									

REPORT: SR21010-R-01 K
PAGE: 1,214

DEPARTMENT: CHEMICAL ENGR

DEPARTMENT: CHEMICAL ENGR

DEPARTMENT: CHEMICAL ENGR																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
COURSE		TITLE	EFFECTIVE QUARTERS	QUARTER CREDITS	OVER D		D		S H F			V L		E E		W R		RESPONS	JOINT																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
CURRIC	NUM				MAX	P	GRD	E	U	HY	PH	M	R	E	A	S	P						& N	C	M	S	T	P	R	G	COURSE	COURSES																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										

DATE: 10-07-2019
TIME: 20:10:10

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 K
PAGE: 1,215

COLLEGE : J - Engineering
DEPARTMENT: CHEMICAL ENGR

COURSE CURRIC NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER D -ALL U MAX P	D GRD SYS	D E HYPH	S H F U N E M R E	V L I P & N A S W	E E L C M T P R	W R G	RESPONS COURSE	JOINT COURSES	O M I T
CHEM E 566	GAS AIR POLL CONT CONTROL OF GASEOUS AIR POLLUTANTS	WIN/2001 -	AUT/9999	3.0	.	.	.	.	.	.	.	CHEM E566 CEE	558	.
COMMENT:CHG JT STATUS					LAST UPDT: 2/07/14 APPROVED:12/01/83									
CHEM E 567	PART AIR POLL CONT CONTROL OF PARTICULATE AIR POLLUTANTS	WIN/2001 -	AUT/9999	3.0	.	.	.	.	.	.	.	CHEM E567 CEE	559	.
					LAST UPDT: 6/21/17 APPROVED:12/15/83									
CHEM E 570	HIGH POLYMERS CHEMISTRY OF HIGH POLYMERS	SPR/1972 -	AUT/9999	3.0	6.0 Y	.	.	.	.	.	.			.
					LAST UPDT: 8/02/13									
CHEM E 571	POLY PHYS ENGR POLYMER PHYSICS AND ENGINEERING	SPR/1978 -	AUT/9999	3.0	.	.	.	.	.	.	.			.
					LAST UPDT: 0/00/00 APPROVED:10/01/77									
CHEM E 572	ADV POLY COMP ADVANCED POLYMERIC COMPOSITES	AUT/1982 -	AUT/9999	3.0	.	.	.	.	.	.	.			.
					LAST UPDT: 0/00/00 APPROVED: 2/01/82									
CHEM E 575	NONLINEAR ANALYSIS NONLINEAR ANALYSIS IN CHEMICAL ENGINEERING	SPR/1974 -	AUT/9999	3.0	.	.	.	.	.	.	.			.
COMMENT:CHG TITLES, CREDITS					LAST UPDT:12/11/12 APPROVED: 5/23/63									
CHEM E 580	TOPICS CH E DESIGN Topics in Chemical Engineering Design	AUT/2012 -	AUT/9999	3.0	9.0 Y	.	.	.	.	.	.			.
COMMENT:12-14 DESC CHG					LAST UPDT: 9/17/12 APPROVED: 3/28/74									
CHEM E 582	ADVANCED CONTROL ADVANCED TOPICS IN PROCESS CONTROL	SPR/1988 -	AUT/9999	3.0	.	.	.	.	.	.	.			.
					LAST UPDT: 3/04/05 APPROVED:12/01/87									
CHEM E 584	ELECTRONIC POLYMERS Electronic and Optoelectronic Polymers	AUT/2003 -	AUT/9999	3.0	.	.	.	.	.	.	.			.
COMMENT:CONVERSION OF TEMP COURSE					LAST UPDT: 6/26/03 APPROVED: 6/25/03									
CHEM E 588	RES APPL MICROBIOL Research in Applied Microbiology	AUT/1997 -	AUT/9999	1.0	30.0	.	CR/NC	.	.	.	.	CHEM E588 MICROM588		.
COMMENT:5/2013 RETRO MAX					LAST UPDT: 5/02/13 APPROVED: 4/15/97									

DATE: 10-07-2019
TIME: 20:10:10

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 K
PAGE: 1,216

COLLEGE : J - Engineering
DEPARTMENT: CHEMICAL ENGR

COURSE CURRIC NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER D -ALL U MAX P	D GRD SYS	D E HYPH	S H F U N E M R E	V L I P & N A S W	E E L C M S T P	W R Q T N G	RESPONS COURSE	JOINT COURSES	O M I T
CHEM E 590	ADV BIOMATERIALS Advanced Topics in Biomaterials	SPR/1986 -	AUT/9999	3.0	.	.	.	.	.	.	.	BIOEN 590	BIOEN 590	.
					LAST UPDT:10/04/94 APPROVED:11/25/85									
CHEM E 591	ROBOT & CONTR COLL Robotics and Control Systems Colloquium	AUT/1996 -	AUT/9999	1.0	30.0 Y	CR/NC	.	.	.	.	.	A A	591 A A	591 .
					LAST UPDT: 5/16/13 APPROVED:10/27/93									
					COMMENT:5/2013 RETRO MAX									
CHEM E 593	ADV SURFACE ANLYS Advanced Surface Analysis	AUT/2012 -	AUT/9999	3.0	.	.	.	.	.	.	.	BIOEN 593	BIOEN 593	.
					LAST UPDT: 4/18/12 APPROVED: 4/17/12									
CHEM E 599	CURRENT TPCS CH E Current Topics in Chemical Engineering	WIN/2009 -	AUT/9999	1.0-05.0	12.0 Y	.	.	.	.	.	.			.
					LAST UPDT:11/19/08									
					COMMENT:CHG CREDITS									
CHEM E 600	INDEPENDNT STDY/RSH Independent Study or Research	SPR/1972 -	AUT/9999	0.0	999.0	.	.	11	.	.	.			.
					LAST UPDT: 8/02/13 APPROVED:11/01/74									
CHEM E 700	MASTERS THESIS Master's Thesis	AUT/1967 -	AUT/9999	0.0	999.0	.	.	11	.	.	.			.
					LAST UPDT: 4/19/10 APPROVED:11/01/74									
CHEM E 800	DOCTORAL DISSERTATN Doctoral Dissertation	SUM/1976 -	AUT/9999	0.0	999.0	.	.	11	.	.	.			.
					LAST UPDT: 4/19/10 APPROVED: 1/01/70									

DATE: 10-07-2019
TIME: 20:10:10

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 K
PAGE: 1,217

COLLEGE : J - Engineering
DEPARTMENT: CHEMICAL ENGR

COURSE CURRIC NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER D -ALL U MAX P	D GRD SYS	D E D HYPH	S H F U N E M R E	V L I P & N A S W	E E L C M S T P	W R N G	RESPONS COURSE	JOINT COURSES	O M I T
NME 220	MOL/NANO PRINCIPLES Introduction to Molecular and Nanoscale Principles	WIN/2011 - AUT/9999	4.0		.	.	.	.	.	Y	.	.	.	.
COMMENT:WAS CHEM E 220					LAST UPDT: 6/17/10 APPROVED: 1/20/09									
NME 221	NANO MOL ENG SEM I Nanoscience and Molecular Engineering Seminar I	SUM/2010 - AUT/9999	1.0		.	CR/NC	.	.	.	.	.	.	.	.
					LAST UPDT: 6/17/10 APPROVED: 5/18/10									
NME 321	NANO MOL ENG SEM II Nanoscience and Molecular Engineering Seminar II	SPR/2011 - AUT/9999	1.0		.	CR/NC	.	.	.	.	.	.	.	.
COMMENT:EMAIL PREQ CHG					LAST UPDT: 5/19/11 APPROVED: 5/18/10									
NME 421	NANO MOL ENG SEM III Nanoscience and Molecular Engineering Seminar III	SUM/2010 - AUT/9999	1.0		.	CR/NC	.	.	.	.	.	.	.	.
					LAST UPDT: 6/17/10 APPROVED: 5/18/10									
NME 498	SPECIAL TOPICS Special Topics in Nanoscience and Molecular Engineering	AUT/2010 - AUT/9999	1.0-04.0	12.0	.	.	.	.	.	.	.	.	.	.
					LAST UPDT: 6/17/10 APPROVED: 5/18/10									

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

COLLEGE : J - Engineering
DEPARTMENT: CIVIL & ENV ENGINEERING

DEPARTMENT: CIVIL & ENV ENGINEERING																	
COURSE		TITLE	EFFECTIVE	QUARTER	CREDITS	OVER	D		S	H	F	V	E	E	W	R	O
CURRIC	NUM					MAX	P	GRD	D		U	N	E	P	I	C	Q

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

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

COLLEGE : J - Engineering
DEPARTMENT: CIVIL & ENV ENGINEERING

DEPARTMENT: CIVIL & ENV ENGINEERING																						
CURRIC	COURSE NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER	D	D	S	H	F	V	L	E	C	Q	W	R	O M I T			
						-ALL	U	GRD	E	U	N	E	P	I	&	N	C	M		S	T	N
						MAX	P	SYS	D	HYPH	M	R	E	A	S	W	T	P	R	G	RESPONS COURSE	JOINT COURSES
CEE	307	CONSTRUCTION ENGR Construction Engineering	AUT/2014	- AUT/9999	5.0		.		.		.	.	.	.	.	.	.	.	.	.		
						LAST UPDT: 7/23/14 APPROVED: 6/19/12																
						COMMENT:14-16 PREQ CHG																
CEE	316	SURV ENGR SURVEYING ENGINEERING	AUT/2010	- AUT/9999	4.0		.		.		.	.	Y	.	.	.	.	.	.	.		
						LAST UPDT: 2/07/14 APPROVED:12/01/00																
						COMMENT:EMAIL PREQ CHG FEE TYPE:1 \$50.00 BUDGET:069644 REV OBJ CD:943081																
CEE	317	GEOSURVEYING GeoSurveying	AUT/2013	- AUT/9999	5.0		.		.		.	.	Y	.	.	.	.	.	.	.		
						LAST UPDT: 2/26/13 APPROVED: 6/19/12																
						COMMENT:EMAIL PREQ CHG, FEE 2-26 FEE TYPE:1 \$50.00 BUDGET:069644 REV OBJ CD:943081																
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																
						COMMENT:12-12 ADD FEE FEE TYPE:1 \$35.00 BUDGET:069644 REV OBJ CD:943081																
CEE	342	FLUID MECHANICS FLUID MECHANICS	AUT/2008	- AUT/9999	4.0		.		.		.	.	Y	.	.	.	.	.	.	.		
						LAST UPDT: 2/07/14 APPROVED:12/01/99																
						COMMENT:ADD PREREQ FEE TYPE:1 \$35.00 BUDGET:069644 REV OBJ CD:943081																
CEE	347	FLUID MECHANICS Introduction to Fluid Mechanics	WIN/2019	- AUT/9999	5.0		.		.		.	.	Y	.	.	.	.	.	.	.		
						LAST UPDT:11/01/18 APPROVED: 6/19/12																
						COMMENT: 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																
						COMMENT: FEE TYPE:1 \$35.00 BUDGET:069644 REV OBJ CD:943081																

DATE: 10-07-2019
TIME: 20:10:10

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 K
PAGE: 1,220

COLLEGE : J - Engineering
DEPARTMENT: CIVIL & ENV ENGINEERING

CURRIC	COURSE NUM	TITLE	EFFECTIVE	QUARTERS	CREDITS	OVER D		GRD	D	S H F	V	L I	E E	W	RESPONS	JOINT	O	
						-ALL	U											E
						MAX	P	SYS	D	M R E	A	S	W	T	P	R	G	I
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				

REPORT: SR21010-R-01 K
PAGE: 1,221

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

DATE: 10-07-2019
TIME: 20:10:10

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 K
PAGE: 1,222

COLLEGE : J - Engineering
DEPARTMENT: CIVIL & ENV ENGINEERING

COURSE CURRIC NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER D -ALL U MAX P	D GRD SYS	D E HYPH	S H F U N E M R E	V L I P & N A S W	E E L C M T P R	W R Q T S N G	RESPONS COURSE	JOINT COURSES	O M I T	
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	.	.	.	.	.	.	.	.	.	.	
					LAST UPDT:12/16/14					APPROVED: 5/15/12					
COMMENT:CHG CREDITS, HYPHEN															
CEE 410	TRAFFIC ENGR FUND Traffic Engineering Fundamentals	AUT/2013 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	
					LAST UPDT: 2/07/13					APPROVED:12/01/99					
COMMENT:EMAIL PREQ CHG															
CEE 412	TRANS DATA MGMT Transportation Data Management	AUT/2013 -	AUT/2019	3.0	.	.	.	.	.	.	.	.	.	.	
					LAST UPDT: 3/22/19					APPROVED: 1/31/05					
COMMENT:EMAIL PREQ CHG															
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	.	.	.	.	.	.	.	.	.	.	
					LAST UPDT:10/05/06					APPROVED:12/01/99					
COMMENT:WAS CIVE 413															
CEE 416	URBAN TRAN PLG/DES Urban Transportation Planning and Design	AUT/2013 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	
					LAST UPDT: 2/07/13					APPROVED:12/01/99					
COMMENT:EMAIL PREQ CHG															
CEE 417	URB TRANS DMND FORE URBAN TRANSPORTATION DEMAND FORECASTING	SUM/2000 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	
					LAST UPDT:10/05/06					APPROVED:12/01/99					
COMMENT:WAS CIVE 417															
CEE 418	COMP-AIDED PLAN Computer-Aided Planning of Urban Systems	SUM/2000 -	AUT/9999	3.0	.	.	.	.	.	.	.	CEE 418	URBDP 429	.	
					LAST UPDT: 5/30/19					APPROVED: 6/29/78					
COMMENT:WAS CIVE 418															

REPORT: SR21010-R-01 K
PAGE: 1,223

DEPARTMENT: CIVIL & ENV ENGINEERING						O M I T			
COURSE CURRIC NUM	TITLE	EFFECTIVE QUARTERS	QUARTER CREDITS	OVER D -ALL U MAX P	D GRD SYS	S H F U N E M R E	V L I P & N C M S N A S W T P R G	RESPONS COURSE	JOINT COURSES
CEE 420	ENGR DEVLPIING 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	.	.	. . .			
				LAST UPDT:		7/23/14	APPROVED:		2/27/04
COMMENT:14-16 PREQ CHG									
CEE 426	BDRY SURV/PLAT DSGN BOUNDARY SURVEYS AND PLAT DESIGN	SUM/2000 - AUT/9999	3.0	.	.	. . .			
				LAST UPDT:		10/05/06	APPROVED:		12/01/99
COMMENT:WAS CIVE 426									
CEE 427	CONSTR SURV CONTROL CONSTRUCTION SURVEY CONTROL	SUM/2000 - AUT/9999	3.0	.	.	. . .			
				LAST UPDT:		10/05/06	APPROVED:		12/01/99
COMMENT:WAS CIVE 427									
CEE 428	CEMENT COMPOSITES Lightweight Cementitious Composites	AUT/2012 - AUT/9999	0.0-02.0	2.0	.	11	. . .		
				LAST UPDT:		5/14/13	APPROVED:		5/17/06
COMMENT:CHG DESC									
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		
				LAST UPDT:		10/05/06	APPROVED:		12/01/99
COMMENT:WAS CIVE 430									

DATE: 10-07-2019
TIME: 20:10:10

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 K
PAGE: 1,224

COLLEGE : J - Engineering
DEPARTMENT: CIVIL & ENV ENGINEERING

COURSE CURRIC NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER D -ALL U MAX P	D GRD SYS	D E HYPH	S H F U N E M R E	V L I P & N A S W	E E L C Q M S N T P R G	RESPONS COURSE	JOINT COURSES	O M I T
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 432	ADV REMOTE SENSING Advanced Remote Sensing and Earth Observation	WIN/2020 - AUT/9999	4.0		.	.	.	.	.	Y	CEE 432	ESRM 432	.
COMMENT:UPDATE PREQ					LAST UPDT: 9/27/19 APPROVED: 9/17/19								
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								

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

COLLEGE : J - Engineering
DEPARTMENT: CIVIL & ENV ENGINEERING

DEPARTMENT: CIVIL & ENV ENGINEERING													O M I T						
COURSE CURRIC	NUM	TITLE	EFFECTIVE QUARTERS	QUARTER CREDITS	OVER -ALL MAX	D U P	GRD SYS	D E D HYPH	S H U M	F N R	E E E	V L P A	I & N S	E C M T	Q S P	W R G	RESPONS COURSE	JOINT COURSES	
CEE	451	DES MET STRUC Design of Metal Structures	AUT/2014 - AUT/9999	3.0		.		.		.	.	.	.	.	.	.			.
					LAST UPDT: 7/23/14 APPROVED:12/01/99														
COMMENT:14-16 PREQ CHG																			
CEE	452	DES REINF CONCR STR Design of Reinforced Concrete Structures	AUT/2014 - AUT/9999	3.0		.		.		.	.	.	.	.	.	.			.
					LAST UPDT: 6/29/15 APPROVED:12/01/99														
COMMENT:14-16 PREQ CHG					FEE TYPE:1 \$105.00 BUDGET:069644 REV OBJ CD:943081														
CEE	453	PRESTRESSED CON DES Prestressed Concrete Design	WIN/2008 - AUT/9999	3.0		.		.		.	.	.	.	.	.	.			.
					LAST UPDT: 7/24/07 APPROVED:12/06/91														
COMMENT:EMAIL PREREQ CHANGE																			
CEE	454	DSGN TIMBER STRUCTS Design of Timber Structures	WIN/2013 - AUT/9999	3.0		.		.		.	.	.	.	.	.	.			.
					LAST UPDT: 2/07/13 APPROVED:12/06/91														
COMMENT:EMAIL PREQ CHG																			
CEE	455	STRUCT UNIT MASONRY Structural Unit Masonry	SPR/2013 - AUT/9999	3.0		.		.		.	.	.	.	.	.	.	CEE	455 ARCH 426	.
					LAST UPDT: 4/04/13 APPROVED:12/01/99														
COMMENT:EMAIL PREQ CHG																			
CEE	456	STRUCT ANALYSIS Structural Analysis	SPR/2013 - AUT/9999	5.0		.		.		.	.	.	.	.	.	.			.
					LAST UPDT: 2/07/13 APPROVED: 6/19/12														
COMMENT:EMAIL PREQ CHG																			
CEE	457	ADV STRUCT I Advanced Structures I	AUT/2014 - AUT/9999	3.0		.		.		.	.	.	.	.	.	.			.
					LAST UPDT: 7/23/14 APPROVED:12/01/99														
COMMENT:14-16 DESC, PREQ CHG																			
CEE	458	ADV STRUCT II Advanced Structures II	AUT/2012 - AUT/9999	3.0		.		.		.	.	.	.	.	.	.			.
					LAST UPDT: 5/30/19 APPROVED:12/01/99														
COMMENT:12-14 PREQ CHG																			
CEE	462	APPLIED LIMNOLOGY Applied Limnology and Pollutant Effects on Freshwater	SPR/2008 - AUT/9999	3.0		.		.		.	.	.	.	.	.	.			.
					LAST UPDT: 7/23/15 APPROVED:12/01/99														
COMMENT:CHG ABBR TITLE, CREDITS					FEE TYPE:1 \$50.00 BUDGET:069377 REV OBJ CD:943081														

DATE: 10-07-2019
TIME: 20:10:10

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 K
PAGE: 1,226

COLLEGE : J - Engineering
DEPARTMENT: CIVIL & ENV ENGINEERING

CURRIC	COURSE NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER	D	D	S	H	F	V	L	E	E	W	RESPONS	JOINT	O						
						-ALL	U	GRD	E	U	N	E	P	I	C	Q				R					
						MAX	P	SYS	D	HYPH	M	R	E	A	S	W	T	P	R	G	COURSE	COURSES	I	T	
CEE	463	LIMNOLOGY LAB Limnology Laboratory	SPR/2010 -	AUT/9999	2.0	.	.	.	.	.	Y	.	.	Y	.	.	.	.	.	.	FISH 474	BIOL 474	.	.	
						LAST UPDT: 3/22/16 APPROVED: 3/29/05																FISH 474			
						FEE TYPE:1 \$125.00 BUDGET:069602 REV OBJ CD:943081																			
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	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.			.	.	
						LAST UPDT: 5/30/19 APPROVED:12/01/99																			
						COMMENT:EMAIL PREQ CHG																			
CEE	473	COASTAL ENGRNG I Coastal Engineering I	AUT/2014 -	AUT/9999	3.0	.	.	.	.	.	Y	.	.	.	.	.	.	.	.	.			.	.	
						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	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.			.	.	
						LAST UPDT: 2/07/13 APPROVED:12/01/99																			
						COMMENT:EMAIL PREQ CHG																			
CEE	475	GROUNDWATER FLOW Analysis Techniques for Groundwater Flow	AUT/2014 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.			.	.	
						LAST UPDT: 7/23/14 APPROVED:12/01/99																			
						COMMENT:14-16 DESC																			
CEE	476	PHYSICAL HYDROLOGY Physical Hydrology	AUT/2013 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.			.	.	
						LAST UPDT: 2/07/13 APPROVED:12/01/99																			
						COMMENT:EMAIL PREQ CHG																			
CEE	477	OPEN-CHANNEL FLOW Open-Channel Flow	AUT/2014 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.			.	.	
						LAST UPDT: 7/23/14 APPROVED:12/01/99																			
						COMMENT:14-16 DESC, TITLE CHG																			
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																			

DATE: 10-07-2019
TIME: 20:10:10

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 K
PAGE: 1,227

COLLEGE : J - Engineering
DEPARTMENT: CIVIL & ENV ENGINEERING

CURRIC	COURSE NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER D D S H F L I E E W										RESPONS	JOINT	O M I T		
						-ALL MAX	U P	GRD SYS	E D	HYPH	U M	N R	E E	P A	& S				N W	C T
CEE	480	AIR QLTY 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														
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														
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														

REPORT: SR21010-R-01 K
PAGE: 1,228

DEPARTMENT: CIVIL & ENV ENGINEERING																			
COURSE		TITLE	EFFECTIVE QUARTERS	QUARTER CREDITS	OVER D	D	S H F	V	L	E E	W								
CURRIC	NUM				MAX	P	GRD	E	U N E	L I	P & N	C M S N	R						
CEE	491	DETERMINISTIC SYS Deterministic Systems	SPR/2011 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
					LAST UPDT: 2/18/11		APPROVED:12/01/99												
					COMMENT:EMAIL PREQ CHG														
CEE	492	STOCHASTIC SYSTEMS Stochastic Systems	SUM/2000 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
					LAST UPDT: 5/30/19		APPROVED:12/01/99												
					COMMENT:WAS CIVE 492														
CEE	493	AIR POL SOURCE TEST Air-Pollution Source Testing and Equipment Evaluation	AUT/2008 - AUT/9999	3.0	.	.	.	Y	.	.	.	.	.	.	.	.	.	.	
					LAST UPDT: 5/30/19		APPROVED:12/01/99												
					COMMENT:CHG DESC PER 08-10 UPDATE FEE TYPE:1 \$50.00 BUDGET:069644 REV OBJ CD:943081														
CEE	494	AIR P CONT DESIGN Air-Pollution Control Equipment Design	SUM/2000 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
					LAST UPDT: 5/30/19		APPROVED:12/01/99												
					COMMENT:WAS CIVE 494														
CEE	495	DESIGN FOR ENVIR Sustainability and Design for Environment	AUT/2009 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
					LAST UPDT: 8/12/09		APPROVED: 5/21/01												
					COMMENT:CHG JT STATUS														
CEE	496	CHEM FATE & TRANSP Fate and Transport of Chemicals in the Environment	AUT/2013 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
					LAST UPDT: 9/17/13		APPROVED: 9/17/13												
CEE	497	JORDAN STUDY ABROAD Engineering Jordan: Water in an Arid Land Study Abroad	AUT/2018 - AUT/9999	5.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
					LAST UPDT: 2/22/18		APPROVED: 2/19/13												
CEE	498	SPECIAL TOPICS Special Topics	AUT/2014 - AUT/9999	1.0-05.0	12.0	Y	.	.	Y	.	.	.	.	.	.	.	.	.	
					LAST UPDT: 6/04/14		APPROVED:12/01/99												
					COMMENT:CHG CREDITS, DESC FEE TYPE:1 \$50.00 BUDGET:069327 REV OBJ CD:943081														
CEE	499	INDPNDT STUDY/RSCH Independent Study/Research	AUT/2014 - AUT/9999	1.0-05.0	12.0	Y	.	.	.	.	.	.	.	.	.	.	.	.	
					LAST UPDT: 6/04/14		APPROVED:12/01/99												
					COMMENT:CHG TTLS, DESC, CREDITS														

DATE: 10-07-2019
TIME: 20:10:10

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 K
PAGE: 1,229

COLLEGE : J - Engineering
DEPARTMENT: CIVIL & ENV ENGINEERING

COURSE CURRIC NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER D -ALL U MAX P	D GRD SYS	D E HYPH	S H F U N E M R E	V L I P & N A S W	E E L C Q M S N T P R G	RESPONS COURSE	JOINT COURSES	O M I 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	.	.	.	.	.	.	.	.	.	.
					LAST UPDT: 7/23/14		APPROVED: 8/23/00						
					COMMENT:14-16 PREQ CHG								
CEE 522	SHEAR STR SLOP STAB Shear Strength and Slope Stability	AUT/2014 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.
					LAST UPDT: 7/23/14		APPROVED: 8/23/00						
					COMMENT:14-16 PREQ CHG								
CEE 523	ADV FOUND ENG Advanced Foundation Engineering	WIN/2001 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.
					LAST UPDT:10/12/06		APPROVED: 8/23/00						
					COMMENT:WAS CESM 563								
CEE 529	FOUND SOIL IMPRT Foundation Soil Improvement	WIN/2001 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.
					LAST UPDT:10/12/06		APPROVED: 8/23/00						
					COMMENT:WAS CESM 569								
CEE 531	ROCK ENGINEERING Rock Engineering	AUT/2008 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.
					LAST UPDT: 1/02/08		APPROVED: 2/28/94						
					COMMENT:PREQ CHG PER 08-10 UPDATE								
CEE 542	BIOREM ENV POLLUT BIOREMEDIATION OF ENVIRONMENTAL POLLUTANTS	AUT/2005 - AUT/9999	3.0	.	.	.	.	.	.	.	CEE 542	MICROM518	.
					LAST UPDT: 7/27/07		APPROVED: 6/28/93						
					COMMENT:CHG JT STATUS								
CEE 548	INDUSTRL WASTE TRT INDUSTRIAL WASTE TREATMENT	WIN/2001 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.
					LAST UPDT:10/12/06		APPROVED: 8/23/00						
					COMMENT:WAS CEWA 556								
CEE 558	GAS AIR POLL CONT CONTROL OF GASEOUS AIR POLLUTANTS	WIN/2001 - AUT/9999	3.0	.	.	.	.	.	.	.	CHEM E566	CHEM E566	.
					LAST UPDT: 2/07/14		APPROVED: 8/23/00						
					COMMENT:WAS CEWA 566								

DATE: 10-07-2019
TIME: 20:10:10

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 K
PAGE: 1,230

COLLEGE : J - Engineering
DEPARTMENT: CIVIL & ENV ENGINEERING

COURSE CURRIC NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER D -ALL U MAX P	D GRD SYS	D E HYPH	S H F U N E M R E	V L I P & N A S W	E E L C Q M S N T P R G	RESPONS COURSE	JOINT COURSES	O M I T
CEE 559	PART AIR POLL CONT CONTROL OF PARTICULATE AIR POLLUTANTS	WIN/2001 - AUT/9999	3.0		.	.	.	.	.	.	CHEM E567	CHEM E567	.
COMMENT:WAS CEWA 567					LAST UPDT: 6/21/17 APPROVED:12/15/83								
CEE 575	GRNDWTR TRANS MODEL GROUNDWATER TRANSPORT MODELING	WIN/2001 - AUT/9999	3.0		.	.	.	.	.	.			.
COMMENT:WAS CEWA 548					LAST UPDT:10/12/06 APPROVED: 8/23/00								
CEE 576	WATER RESOURCS PLAN Water Resources Planning	SUM/2000 - AUT/9999	3.0		.	.	.	.	.	.			.
COMMENT:WAS CEWA 557					LAST UPDT:10/12/06 APPROVED: 1/28/00								
CEE 597	PAVEMENT CONSTR PAVEMENT CONSTRUCTION AND QUALITY CONTROL	SPR/2008 - AUT/9999	3.0		.	.	.	.	.	.			.
COMMENT:CHG CREDITS					LAST UPDT: 5/19/08 APPROVED: 2/19/08								
CEE 599	SPECIAL TOPICS CEE Special Topics in Civil and Environmental Engineering	WIN/2012 - AUT/9999	1.0-05.0	20.0 Y	.	.	.	.	.	.			.
COMMENT:CHG CREDITS					LAST UPDT:12/19/11 APPROVED: 1/03/01								
CEE 600	INDEPENDENT STUDY Independent Study or Research	AUT/2016 - AUT/9999	1.0-05.0	999.0	.	.	11	.	.	.			.
COMMENT:REPL CIVE 700					LAST UPDT:10/25/16 APPROVED: 2/21/01								
CEE 601	INTERNSHIP Internship	SPR/2017 - AUT/9999	2.0	6.0	.	.	.	.	.	.			.
COMMENT:REPL CIVE 700					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	.	.	.			.
COMMENT:REPL CIVE 800					LAST UPDT: 4/19/10 APPROVED: 1/01/70								
CEE 800	DOCTORAL DISSERTATN Doctoral Dissertation	SUM/2000 - AUT/9999	0.0	999.0	.	.	11	.	.	.			.
COMMENT:REPL CIVE 800					LAST UPDT: 4/19/10 APPROVED: 1/01/70								

REPORT: SR21010-R-01 K
PAGE: 1,231

DEPARTMENT: CIVIL & ENV ENGINEERING											V	E	E	W		O	
COURSE CURRIC	NUM	TITLE	EFFECTIVE QUARTERS	QUARTER CREDITS	OVER -ALL MAX	D U P	GRD SYS	D E HYPH	S H F U N E M R E	P L I A	I & S W T	L E C M P R	Q C S N G	R T	RESPONS COURSE	JOINT COURSES	M I T
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							

REPORT: SR21010-R-01 K
PAGE: 1,232

DEPARTMENT: CIVIL & ENV ENGINEERING

DEPARTMENT: CIVIL & ENV ENGINEERING														O M I T	
COURSE CURRIC	NUM	TITLE	EFFECTIVE QUARTERS	QUARTER CREDITS	OVER -ALL MAX	D U P	D E S Y S	S H F U N E	F R E	V L I P A	E L N C M S W T P R G	RESPONS COURSE	JOINT COURSES		
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						

DATE: 10-07-2019
TIME: 20:10:10

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 K
PAGE: 1,233

COLLEGE : J - Engineering
DEPARTMENT: CIVIL & ENV ENGINEERING

DEPARTMENT: CIVIL & ENV ENGINEERING						OVER D	D	S H F	V	E E	W R																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													</
-------------------------------------	--	--	--	--	--	--------	---	-------	---	-----	-----	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	----

REPORT: SR21010-R-01 K
PAGE: 1,234

REPORT: SR21010-R-01 K
PAGE: 1,235

DEPARTMENT: CIVIL & ENV ENGINEERING						O M I T					
COURSE CURRIC NUM	TITLE	EFFECTIVE QUARTERS	QUARTER CREDITS	OVER -ALL MAX	D U P SYS D HYPH M R E	S H F U N E M R E	V L I P & A S W T P R G	E E L E C M S N	R Q T P R G	RESPONS COURSE	JOINT COURSES
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 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					
CESI 552	ENVIR REGS Environmental Regulations	WIN/2018 - AUT/9999	3.0				. Y				.
					LAST UPDT:12/26/17	APPROVED: 4/15/08					

REPORT: SR21010-R-01 K
PAGE: 1,236

DEPARTMENT: CIVIL & ENV ENGINEERING															V L E W L I E C Q P & N C M S T A S W T P R G										O M I T
COURSE		TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER D	D	S H F							RESPONS	JOINT									
CURRIC	NUM					MAX	U P	GRD	E	U N E	M R E	A	S	W	T	P	R	G	COURSE	COURSES					
CESI	588	ENERGY INFRA & ENV Energy Infrastructure	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																	

REPORT: SR21010-R-01 K
PAGE: 1,237

DEPARTMENT: CIVIL & ENV ENGINEERING						O M I T								
COURSE CURRIC NUM	TITLE	EFFECTIVE QUARTERS	QUARTER CREDITS	OVER -ALL MAX	D U P	GRD SYS	D E HYPH	S H F U N E M R E	V L I P A S W T P R G	E E L E C M S N	W R Q T N	RESPONS COURSE	JOINT COURSES	
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								

REPORT: SR21010-R-01 K
PAGE: 1,238

DEPARTMENT: CIVIL & ENV ENGINEERING

[illegible]

REPORT: SR21010-R-01 K
PAGE: 1,239

DEPARTMENT: CIVIL & ENV ENGINEERING																			
COURSE		TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER D	D	S H F	V	E E	L	W	RESPONS	JOINT	O				
CURRIC	NUM					MAX	U P	GRD	E	U N E	L I	E C				Q T	R	M	
									A S	P & N	C M	S N	COURSE	COURSES	I T				
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													

REPORT: SR21010-R-01 K
PAGE: 1,240

DEPARTMENT: CIVIL & ENV ENGINEERING						O M I T									
COURSE CURRIC NUM	TITLE	EFFECTIVE QUARTERS	QUARTER CREDITS	OVER -ALL MAX	D U P	GRD SYS	D E HYPH	S H F U N E M R E	V L I & A S W T P R G	E L E C M S N	R Q T P R G	RESPONS COURSE	JOINT COURSES		
CEWA 532	ADV REMOTE SENSING Advanced Remote Sensing and Earth Observation	WIN/2020 - AUT/9999	4.0	.	.	.	.	.	.	.	.	CEWA 532 SEFS	532	.	
				LAST UPDT:		9/20/19		APPROVED:		9/17/19					
CEWA 540	MICRO PROC FUND Microbiological Process Fundamentals	AUT/2019 - AUT/9999	3.0	.	.	.	.	.	.	.	.			.	
				LAST UPDT:		9/26/19		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					

DATE: 10-07-2019
TIME: 20:10:10

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 K
PAGE: 1,241

COLLEGE : J - Engineering
DEPARTMENT: CIVIL & ENV ENGINEERING

CURRIC	COURSE NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS											RESPONS COURSE	JOINT COURSES	O M I T
						OVER D	-ALL U	GRD	D	S H F	L I	P & N	V	E E	W			
						MAX	P	SYS	E	UNE	AS	W	LT	EC	QT			
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												
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										ENV H	577	
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												

REPORT: SR21010-R-01 K
PAGE: 1,242

DEPARTMENT: CIVIL & ENV ENGINEERING

DEPARTMENT: CIVIL & ENV ENGINEERING																						
CURRIC	COURSE NUM	TITLE	EFFECTIVE QUARTERS	QUARTER CREDITS	OVER	D	D	S	H	F	V	L	E	E	W	O						
					-ALL	U	GRD	E	U	N	E	P	I	C	Q		T	M				
					MAX	P	SYS	D	HYPH	M	R	E	A	S	W	T	P	R	G	RESPONS	JOINT	I
																				COURSE	COURSES	T
CEWA	573	COAST WAVES FOR ENG Water Wave Mechanics	AUT/2017 - AUT/9999 for Coastal Engineers	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												
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												

REPORT: SR21010-R-01 K
PAGE: 1,243

REPORT: SR21010-R-01 K
PAGE: 1,244

DEPARTMENT: COMPUTER SCI & ENGR						V L E W	O				
COURSE					OVER D	D	S H F	L I E C Q T	R	M	
CURRIC	NUM	TITLE	EFFECTIVE QUARTERS	QUARTER CREDITS	-ALL U P	GRD SYS	D HYPH M R E	P & N A S W T P R G	RESPONS COURSE	JOINT COURSES	I T
CSE	112	AP COMPUTER SCI A Advanced Placement (AP) Computer Science A	SPR/2019 - AUT/9999	4.0	.	.	. . .	. . Y . . Y .			Y
					LAST UPDT: 6/27/19		APPROVED: 3/19/19				
CSE	120	COMP SCI PRINCIPLES Computer Science Principles	WIN/2013 - AUT/9999	5.0	.	.	. . .	. . Y . . Y .			.
					LAST UPDT:10/17/12		APPROVED:10/16/12				
CSE	131	SCI&ART DIGTL PHOTO Science and Art of Digital Photography	AUT/2012 - AUT/9999	4.0	.	.	. . .	Y			.
					LAST UPDT: 5/22/12		APPROVED: 5/15/12				
CSE	142	COMPUTER PRGRMNG I Computer Programming I	WIN/2015 - AUT/9999	4.0	.	.	. . .	. . Y . . Y .			.
		COMMENT:CHG DESC			LAST UPDT: 1/21/15		APPROVED: 5/30/91				
CSE	143	COMPUTER PRGRMNG II Computer Programming II	WIN/2007 - AUT/9999	5.0	.	.	. . .	. . Y . . Y .			.
		COMMENT:CHG DESC			LAST UPDT:10/12/06		APPROVED: 5/30/91				
CSE	154	WEB PROGRAMMING Web Programming	WIN/2016 - AUT/9999	5.0	.	.	. . .	 Y .			.
					LAST UPDT:10/30/15		APPROVED: 5/15/12				
CSE	160	DATA PROGRAMMING Data Programming	SPR/2015 - AUT/9999	4.0	.	.	. . .	. . Y . . Y .			.
					LAST UPDT: 1/21/15		APPROVED: 1/20/15				
CSE	163	INTERM DATA PROGRAM Intermediate Data Programming	WIN/2018 - AUT/9999	4.0	.	.	. . .				.
					LAST UPDT: 2/05/18		APPROVED:10/17/17				
CSE	180	INTRO DATA SCIENCE Introduction to Data Science	SPR/2019 - AUT/9999	4.0	.	.	. . .	 Y .			.
					LAST UPDT: 2/21/19						
CSE	190	CURRENT TOPICS CSE Current Topics in Computer Science and Engineering	SPR/2007 - AUT/9999	1.0-05.0	15.0	.	.	. . .			.
					LAST UPDT: 3/14/07		APPROVED: 3/13/07				

DATE: 10-07-2019
TIME: 20:10:10

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 K
PAGE: 1,245

COLLEGE : J - Engineering
DEPARTMENT: COMPUTER SCI & ENGR

COURSE CURRIC NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER D		GRD	D	S H F	L I	V	E E W	RESPONS	JOINT	O
					-ALL	U		E	U N E	P & N	L E C	Q T			
					MAX	P	SYS	D	HYPH	M R E	A S W	T P R G	COURSE	COURSES	I T
CSE	300	CSE INTERNSHIP CSE Internship Education	AUT/2016 - AUT/9999	1.0-10.0	24.0	.	CR/NC	Y	.	.	.	.	.	.	Y
					LAST UPDT: 5/11/17		APPROVED: 6/07/16								
CSE	301	CSE INTERNSHIP CSE Internship Education	SPR/2016 - AUT/9999	1.0-02.0	12.0	.	CR/NC	.	.	.	.	.	.	.	.
					LAST UPDT: 6/06/16		APPROVED: 2/16/16								
CSE	303	SOFTWARE DEV TOOLS CONCEPTS AND TOOLS FOR SOFTWARE DEVELOPMENT	WIN/2007 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.
		COMMENT:EMAIL PREQ CHG			LAST UPDT: 2/07/14		APPROVED: 8/20/04								
CSE	311	FOUNDATIONS COMP I Foundations of Computing I	SPR/2010 - AUT/9999	4.0	.	.	.	.	.	.	.	Y	.	.	.
					LAST UPDT:11/18/09		APPROVED:11/17/09								
CSE	312	FOUNDATIONS COMP II Foundations of Computing II	WIN/2017 - AUT/9999	4.0	.	.	.	.	.	.	.	Y	.	.	.
					LAST UPDT:11/03/16		APPROVED:11/17/09								
CSE	321	DISCRETE STRUCTURES DISCRETE STRUCTURES	WIN/1990 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.
		COMMENT:WAS C SCI 321			LAST UPDT: 2/07/14		APPROVED: 6/01/89								
CSE	322	INTRO FORMAL MODELS INTRODUCTION TO FORMAL MODELS IN COMPUTER SCIENCE	WIN/1990 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.
		COMMENT:WAS C SCI 322			LAST UPDT: 9/26/14		APPROVED: 6/01/89								
CSE	326	DATA STRUCTURES Data Structures	AUT/2007 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.
		COMMENT:CHG DESCRIPTION			LAST UPDT: 9/19/14		APPROVED: 6/01/89								
CSE	331	SW DESIGN & IMPL Software Design and Implementation	SPR/2018 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.
					LAST UPDT: 4/24/18		APPROVED:11/17/09								
CSE	332	DATA STRUC & PRLLEL Data Structures and Parallelism	SPR/2018 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.
					LAST UPDT: 4/24/18		APPROVED:11/17/09								

DATE: 10-07-2019
TIME: 20:10:10

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 K
PAGE: 1,246

COLLEGE : J - Engineering
DEPARTMENT: COMPUTER SCI & ENGR

COURSE CURRIC	NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER	D		D	S	H	F	V	L	E	E	W		RESPONS	JOINT	O	
						-ALL	U	GRD	E	U	N	E	L	I	E	C	Q	T				P
						MAX	P	SYS	D	HYPH	M	R	E	A	S	W	T	P	R	G	I	
CSE	333	SYSTEMS PROGRAMMING Systems Programming	SPR/2016	- AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
						LAST UPDT: 2/23/16 APPROVED:11/17/09																.
CSE	340	INTERACTION PROG Interaction Programming	SPR/2019	- AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
						LAST UPDT: 3/25/19 APPROVED: 3/19/19																.
CSE	341	PROGRAMMING LANGS Programming Languages	SPR/2016	- AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
						LAST UPDT: 2/23/16 APPROVED: 6/22/89																.
CSE	344	INTRO DATA MGMT Introduction to Data Management	AUT/2014	- AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
						LAST UPDT: 9/19/14 APPROVED:11/17/09																.
						COMMENT:14-16 PREQ CHG																.
CSE	351	HW SW INTERFACE The Hardware/Software Interface	SPR/2010	- AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
						LAST UPDT:11/18/09 APPROVED:11/17/09																.
CSE	352	HW DESIGN & IMPL Hardware Design and Implementation	SPR/2010	- AUT/9999	4.0	.	.	.	.	.	.	Y	.	.	.	.	.	.	.	.	.	
						LAST UPDT: 7/23/15 APPROVED:11/17/09																.
						FEE TYPE:1 \$50.00 BUDGET:069645 REV OBJ CD:943081																.
CSE	369	INTRO DIG DESIGN Introduction to Digital Design	SPR/2016	- AUT/9999	2.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
						LAST UPDT: 2/23/16 APPROVED: 6/02/15																.
CSE	370	INTRO DIG DESIGN INTRODUCTION TO DIGITAL DESIGN	WIN/2005	- AUT/9999	4.0	.	.	.	.	.	.	Y	.	.	.	.	.	.	.	.	.	
						LAST UPDT: 2/07/14 APPROVED: 5/31/90																.
						FEE TYPE:1 \$50.00 BUDGET:069645 REV OBJ CD:943081																.
CSE	371	DIGITAL DESIGN Design of Digital Circuits and Systems	WIN/2016	- AUT/9999	5.0	.	.	.	.	.	.	Y	.	.	.	.	.	.	E E	371 E E	371 .	
						LAST UPDT: 8/22/16 APPROVED: 9/16/14																.
						FEE TYPE:1 \$50.00 BUDGET:069330 REV OBJ CD:943081																.
CSE	373	DATA STRUC/ALGORITHM Data Structures and Algorithms	SPR/2018	- AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
						LAST UPDT: 4/24/18 APPROVED: 6/22/89																.

COLLEGE : J - Engineering
DEPARTMENT: COMPUTER SCI & ENGR

DEPARTMENT: COMPUTER SCI & ENGR													O M I T
COURSE CURRIC NUM	TITLE	EFFECTIVE QUARTERS	QUARTER CREDITS	OVER D -ALL U MAX P	D GRD SYS	S H F U N E M R E	V L I P & A S	L E C N C W T	E Q M S N P R	G	RESPONS COURSE	JOINT COURSES	
CSE 374	PROG CONCEPTS TOOLS Intermediate Programming Concepts and Tools	AUT/2014 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.
COMMENT:14-16 PREQ CHG				LAST UPDT: 9/19/14 APPROVED: 3/17/09									
CSE 378	MC ORG & ASSEM LANG MACHINE ORGANIZATION AND ASSEMBLY LANGUAGE	WIN/2007 - AUT/9999	4.0	.	.	.	Y	.	.	.	.	.	.
COMMENT:EMAIL PREREQ CHG				LAST UPDT: 2/07/14 APPROVED: 6/22/89 FEE TYPE:1 \$50.00 BUDGET:069645 REV OBJ CD:943081									
CSE 390	SPECIAL TOPICS CSE Special Topics in Computer Science and Engineering	SPR/2010 - AUT/9999	1.0-05.0	10.0	.	.	.	.	.	.	.	.	.
				LAST UPDT: 2/17/10 APPROVED: 2/16/10									
CSE 391	SOFTWARE TOOLS System and Software Tools	SPR/2016 - AUT/9999	1.0	.	CR/NC	.	.	.	.	.	.	.	.
				LAST UPDT: 2/23/16 APPROVED: 2/23/16									
CSE 399	CSE FOREIGN STDY CSE Foreign Study	AUT/2004 - AUT/9999	0.0	.	CR/NC	.	.	.	.	.	.	.	.
				LAST UPDT: 8/24/04 APPROVED: 8/20/04									
CSE 401	INT COMPILER CONSTR Introduction to Compiler Construction	AUT/2014 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.
COMMENT:14-16 PREQ CHG				LAST UPDT: 9/19/14 APPROVED: 6/22/89									
CSE 402	DESIGN&IMPL OF DSLS Design and Implementation of Domain-Specific Languages	SPR/2019 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 4/18/19 APPROVED: 3/19/19									
CSE 403	SOFTWARE ENGINEERING Software Engineering	AUT/2014 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.
COMMENT:14-16 PREQ CHG				LAST UPDT: 9/19/14 APPROVED: 5/29/92									
CSE 410	COMPUTER SYSTEMS Computer Systems	AUT/2014 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.
COMMENT:14-16 PREQ CHG				LAST UPDT: 9/19/14 APPROVED: 6/22/89									
CSE 412	INTRO DATA VIS Introduction to Data Visualization	SPR/2018- AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 3/13/18 APPROVED:11/14/17									

DATE: 10-07-2019
TIME: 20:10:10

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 K
PAGE: 1,248

COLLEGE : J - Engineering
DEPARTMENT: COMPUTER SCI & ENGR

COURSE CURRIC NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER D -ALL U MAX P	D GRD SYS	D E HYPH	S H F U N E M R E	V L I P & N A S W	E E L C M S T P	W R Q N G	RESPONS COURSE	JOINT COURSES	O M I T
CSE 413	LANGS & COMPILERS Programming Languages and Their Implementation	AUT/2008 - AUT/9999	3.0		.	.	.	.	.	.	.			.
COMMENT:CHG DESC PER 08-10 UPDATE					LAST UPDT: 1/23/08 APPROVED: 6/01/89									
CSE 414	DATABASE SYSTEMS Introduction to Database Systems	WIN/2014 - AUT/9999	4.0		.	.	.	.	.	.	.			.
COMMENT:CONVERSION OF TEMP					LAST UPDT:10/16/13 APPROVED: 3/19/13									
CSE 415	ARTIF INTELLIGENCE Introduction to Artificial Intelligence	AUT/2008 - AUT/9999	3.0		.	.	.	.	.	Y	.			.
COMMENT:CHG DESC PER 08-10 UPDATE					LAST UPDT: 1/23/08 APPROVED: 6/22/89									
CSE 416	INTRO MACH LEARNING Introduction to Machine Learning	SPR/2018 - AUT/9999	4.0		.	.	.	.	.	Y	.	CSE 416 STAT	416	.
					LAST UPDT:12/13/17 APPROVED: 1/17/17									
CSE 417	ALG & COMP COMPLEX Algorithms and Computational Complexity	AUT/2008 - AUT/9999	3.0		.	.	.	.	.	.	.			.
COMMENT:CHG DESC PER 08-10 UPDATE					LAST UPDT: 1/23/08 APPROVED: 6/23/98									
CSE 421	INTRO TO ALGORITHMS Introduction to Algorithms	AUT/2014 - AUT/9999	3.0		.	.	.	.	.	.	.			.
COMMENT:14-16 PREQ CHG					LAST UPDT: 9/19/14 APPROVED: 6/22/89									
CSE 427	COMP BIOLOGY Computational Biology	WIN/2014 - AUT/9999	3.0		.	.	.	.	.	.	.			.
COMMENT:EMAIL PREQ CHG					LAST UPDT: 6/06/13 APPROVED: 6/20/07									
CSE 428	COMP BIOL CAPSTONE Computational Biology Capstone	AUT/2014 - AUT/9999	5.0		.	.	.	.	.	.	.			.
COMMENT:14-16 PREQ CHG					LAST UPDT: 9/19/14 APPROVED: 6/20/07									
CSE 431	INTRO THEORY COMPUT Introduction to Theory of Computation	AUT/2014 - AUT/9999	3.0		.	.	.	.	.	.	.			.
COMMENT:14-16 PREQ CHG					LAST UPDT: 9/19/14 APPROVED: 6/22/89									

DATE: 10-07-2019
TIME: 20:10:10

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 K
PAGE: 1,250

COLLEGE : J - Engineering
DEPARTMENT: COMPUTER SCI & ENGR

CURRIC	COURSE NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER D D S H F L I E E W													RESPONS	JOINT	O M I T
						-ALL MAX	U P	GRD SYS	E D	HYPH	U M	N R	E E	P A	& S	N W	C T	M P			
CSE	455	COMPUTER VISION Computer Vision	AUT/2014 -	AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
						LAST UPDT: 9/19/14 APPROVED: 8/14/02															
						COMMENT:14-16 PREQ CHG															
CSE	456	STORY FOR ANIMATION Story Design for Computer Animation	AUT/2003 -	AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
						LAST UPDT: 9/19/14 APPROVED: 8/13/03															
CSE	457	COMPUTER GRAPHICS Computer Graphics	AUT/2014 -	AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
						LAST UPDT: 9/19/14 APPROVED: 6/22/89															
						COMMENT:14-16 PREQ CHG															
CSE	458	COMPUTER ANIMATION Computer Animation	AUT/2014 -	AUT/9999	5.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
						LAST UPDT: 9/19/14 APPROVED: 4/29/96															
						COMMENT:14-16 PREQ CHG															
CSE	459	ANIMATION PRE-PROD Pre-Production for Collaborative Animation	WIN/2004 -	AUT/9999	5.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
						LAST UPDT: 8/28/03 APPROVED: 8/13/03															
CSE	460	ANIMATION CAPSTONE Animation Capstone	AUT/2003 -	AUT/9999	5.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
						LAST UPDT: 8/28/03 APPROVED: 8/13/03															
CSE	461	INTRO COMP NETWORKS Introduction to Computer-Communication Networks	AUT/2012 -	AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
						LAST UPDT: 3/08/12 APPROVED: 3/28/91															
						COMMENT:EMAIL PREQ CHG															
CSE	464	ADV TOPICS-ANIMATION Advanced Topics in Digital Animation	AUT/2014 -	AUT/9999	1.0-05.0	10.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
						LAST UPDT: 9/19/14 APPROVED: 8/13/03															
						COMMENT:14-16 PREQ CHG															
CSE	467	ADV DIGITAL DESIGN Advanced Digital Design	AUT/2014 -	AUT/9999	4.0	.	.	.	.	.	Y	.	.	.	.	.	.	.	.	.	.
						LAST UPDT: 9/19/14 APPROVED:12/01/99															
						COMMENT:14-16 PREQ CHG															

FEE TYPE:1 \$50.00 BUDGET:069645 REV OBJ CD:943081

REPORT: SR21010-R-01 K
PAGE: 1,251

DEPARTMENT: COMPUTER SCI & ENGR				OVER D	D	S H F	V	E E W		O
COURSE				-ALL U	GRD	U N E	L I	L E C Q T		M
CURRIC	NUM	TITLE	EFFECTIVE QUARTERS	MAX	P	SYS	D HYPH	M R E	A S W T P R G	I
CSE	468	VERY LRG SCL INTEGR VERY LARGE SCALE INTEGRATION	AUT/2010 - AUT/9999	5.0	.	.	.	.	.	.
				LAST UPDT: 2/07/14 APPROVED:11/18/96						
				COMMENT:EMAIL PREQ CHG						
CSE	469	COMPUTER ARCH I Computer Architecture I	WIN/2016 - AUT/9999	5.0	.	.	.	Y	.	E E
				LAST UPDT: 6/05/15 APPROVED: 6/23/83						
				FEE TYPE:1 \$50.00 BUDGET:069330 REV OBJ CD:943081						
CSE	470	COMPUTER ARCH II Computer Architecture II	SUM/2019 - AUT/9999	4.0	.	.	.	.	.	CSE
				LAST UPDT: 5/10/19 APPROVED: 5/29/92						
CSE	472	INTR TO COMPUT LING Introduction to Computational Linguistics	AUT/2014 - AUT/9999	5.0	.	.	.	.	Y . Y	LING
				LAST UPDT: 9/19/14 APPROVED: 5/30/91						
				COMMENT:14-16 PREQ CHG						
CSE	473	INTR TO ARTIF INTLL Introduction to Artificial Intelligence	AUT/2014 - AUT/9999	3.0	.	.	.	.	.	.
				LAST UPDT: 9/19/14 APPROVED: 6/22/89						
				COMMENT:14-16 PREQ CHG						
CSE	474	INTRO EMBEDDED SYS Introduction to Embedded Systems	AUT/2018 - AUT/9999	4.0	.	.	.	Y	.	CSE
				LAST UPDT: 8/16/18 APPROVED:12/01/99						
				FEE TYPE:1 \$50.00 BUDGET:069645 REV OBJ CD:943081						
CSE	475	EMBEDDED CAPSTONE Embedded Systems Capstone	WIN/2016 - AUT/9999	5.0	.	.	.	Y	.	E E
				LAST UPDT: 6/05/15 APPROVED: 6/01/84						
				FEE TYPE:1 \$50.00 BUDGET:069330 REV OBJ CD:943081						
CSE	476	EMB SYS DES EMBEDDED SYSTEM DESIGN	AUT/2000 - AUT/9999	5.0	.	.	.	.	.	.
				LAST UPDT: 2/07/14 APPROVED:12/01/99						
CSE	478	AUTONOMOUS ROBOTICS Autonomous Robotics	AUT/2019 - AUT/9999	4.0	.	.	.	.	.	.
				LAST UPDT: 6/06/19 APPROVED: 6/04/19						

DATE: 10-07-2019
TIME: 20:10:10

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 K
PAGE: 1,252

COLLEGE : J - Engineering
DEPARTMENT: COMPUTER SCI & ENGR

DEPARTMENT: COMPUTER SCI & ENGR											V	L	E	E	W																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
---------------------------------	--	--	--	--	--	--	--	--	--	--	---	---	---	---	---	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

DATE: 10-07-2019
TIME: 20:10:10

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 K
PAGE: 1,253

COLLEGE : J - Engineering
DEPARTMENT: COMPUTER SCI & ENGR

COURSE CURRIC NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER D -ALL U MAX P	D GRD SYS	D E HYPH	S H F U N E M R E	V L I P & N A S W	E E L C M T P R	W R G	RESPONS COURSE	JOINT COURSES	O M I T
CSE 497	UGRAD RES SEM Undergraduate Research Seminar	AUT/2003 -	AUT/9999	1.0	.	.	.	.	.	.	.	.	.	.
					LAST UPDT: 6/26/03		APPROVED: 6/25/03							
CSE 498	SENIOR PROJECT Senior Project	WIN/1990 -	AUT/9999	1.0-09.0	9.0	.	11	.	.	.	.	.	.	.
					LAST UPDT:10/13/06		APPROVED: 6/22/89							
					COMMENT:WAS C SCI 498									
CSE 499	READING & RESEARCH Reading and Research	WIN/1990 -	AUT/9999	1.0-24.0	24.0	.	CR/NC	.	.	.	.	.	.	.
					LAST UPDT:10/13/06		APPROVED: 6/22/89							
					COMMENT:WAS C SCI 499									
CSE 501	PROG LANG AN & IMPL Programming Language Analysis and Implementation	AUT/2014 -	AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.
					LAST UPDT: 9/19/14		APPROVED: 6/22/89							
					COMMENT:14-16 PREQ CHG									
CSE 503	SOFTWARE ENG Software Engineering	AUT/2014 -	AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.
					LAST UPDT: 9/19/14		APPROVED: 6/22/89							
					COMMENT:14-16 PREQ CHG									
CSE 504	ADV TPCS SOFTW ENG Advanced Topics in Software Engineering	AUT/2014 -	AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.
					LAST UPDT: 9/19/14		APPROVED:11/29/95							
					COMMENT:14-16 PREQ CHG									
CSE 505	PRIN OF PROG LANGS Principles of Programming Languages	AUT/2014 -	AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.
					LAST UPDT: 9/19/14		APPROVED: 6/22/89							
					COMMENT:14-16 PREQ CHG									
CSE 506	ADV TOPIC PROG LANG Advanced Topics in Programming Languages	AUT/2014 -	AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.
					LAST UPDT: 9/19/14		APPROVED: 6/22/89							
					COMMENT:14-16 PREQ CHG									
CSE 507	REASONING FOR SW Computer-Aided Reasoning for Software	AUT/2014 -	AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.
					LAST UPDT:11/19/14		APPROVED:11/18/14							

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

COLLEGE : J - Engineering
DEPARTMENT: COMPUTER SCI & ENGR

DEPARTMENT: COMPUTER SCI & ENGR										V	L	E	E	W																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									</
---------------------------------	--	--	--	--	--	--	--	--	--	---	---	---	---	---	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	----

REPORT: SR21010-R-01 K
PAGE: 1,255

DEPARTMENT: COMPUTER SCI & ENGR

DEPARTMENT: COMPUTER SCI & ENGR										V	L	E	E	W																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						</
---------------------------------	--	--	--	--	--	--	--	--	--	---	---	---	---	---	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	----

DATE: 10-07-2019
TIME: 20:10:10

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 K
PAGE: 1,256

COLLEGE : J - Engineering
DEPARTMENT: COMPUTER SCI & ENGR

COURSE CURRIC NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER D -ALL U MAX P	D GRD SYS	D E HYPH	S H F U N E M R E	V L I P & N A S W	E E L C M S T P	W R Q T N G	RESPONS COURSE	JOINT COURSES	O M I T
CSE 544	PRINCIPLES OF DBMS Principles of Database Systems	AUT/2011	- AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.
COMMENT:CHG CREDITS					LAST UPDT: 9/20/11 APPROVED: 9/28/98									
CSE 546	MACHINE LEARNING Machine Learning	AUT/2014	- AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.
COMMENT:14-16 PREQ CHG					LAST UPDT: 9/19/14 APPROVED: 8/23/00									
CSE 547	MACH LEARN BIG DATA Machine Learning for Big Data	WIN/2014	- AUT/9999	4.0	.	.	.	.	.	.	.	STAT 548	STAT 548	.
					LAST UPDT: 6/05/13 APPROVED: 6/04/13									
CSE 548	COMPUTER SYST ARCH Computer Systems Architecture	AUT/2014	- AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.
COMMENT:14-16 PREQ CHG					LAST UPDT: 9/19/14 APPROVED: 6/22/89									
CSE 549	HI - PERFORM ARCH High-Performance Computer Architectures	AUT/2014	- AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.
COMMENT:14-16 PREQ CHG					LAST UPDT: 9/19/14 APPROVED: 6/22/89									
CSE 550	COMPUTER SYSTEMS Computer Systems	AUT/2009	- AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.
					LAST UPDT:10/16/09 APPROVED:10/20/09									
CSE 551	OPERATING SYSTEMS Operating Systems	AUT/2014	- AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.
COMMENT:14-16 PREQ CHG					LAST UPDT: 9/19/14 APPROVED: 6/01/89									
CSE 552	DIST & PARALLEL SYS Distributed and Parallel Systems	AUT/2014	- AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.
COMMENT:14-16 PREQ CHG					LAST UPDT: 9/19/14 APPROVED: 6/22/89									
CSE 553	REAL-TIME SYSTEMS Real-Time Systems	AUT/2014	- AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.
COMMENT:14-16 PREQ CHG					LAST UPDT: 9/19/14 APPROVED: 6/22/89									

DATE: 10-07-2019
TIME: 20:10:10

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 K
PAGE: 1,257

COLLEGE : J - Engineering
DEPARTMENT: COMPUTER SCI & ENGR

CURRIC	COURSE NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER D D S H F L I E E W -ALL U GRD E U N E P & N C M S N MAX P SYS D HYPH M R E A S W T P R G													RESPONS COURSE	JOINT COURSES	O M I T
CSE	556	COMPUTNL FABRICATION Computational Fabrication	AUT/2018 -	AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
						LAST UPDT:10/17/18 APPROVED:10/16/18															
CSE	557	COMPUTER GRAPHICS Computer Graphics	AUT/2014 -	AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
						LAST UPDT: 9/19/14 APPROVED: 6/22/89															
						COMMENT:14-16 PREQ CHG															
CSE	558	SPEC TOP COMP GRAPH Special Topics in Computer Graphics	AUT/2014 -	AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
						LAST UPDT: 9/19/14 APPROVED: 6/22/89															
						COMMENT:14-16 PREQ CHG															
CSE	561	COMPUTER NETWORKS Computer Communication and Networks	AUT/2014 -	AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
						LAST UPDT: 9/19/14 APPROVED: 6/22/89															
						COMMENT:14-16 PREQ CHG															
CSE	564	SECURITY & PRIVACY Computer Security and Privacy	AUT/2011 -	AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
						LAST UPDT: 9/20/11 APPROVED: 6/17/08															
						COMMENT:CHG CREDITS															
CSE	567	DIGITAL SYST DESIGN Principles of Digital Systems Design	AUT/2014 -	AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
						LAST UPDT: 9/19/14 APPROVED: 6/22/89															
						COMMENT:14-16 PREQ CHG															
CSE	568	INTRO TO VLSI SYS Introduction to VLSI Systems	AUT/2014 -	AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
						LAST UPDT: 9/19/14 APPROVED: 6/22/89															
						COMMENT:14-16 PREQ CHG															
CSE	571	AI-ROBOTICS AI-based Mobile Robotics	AUT/2014 -	AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
						LAST UPDT: 9/19/14 APPROVED: 8/14/02															
						COMMENT:14-16 PREQ CHG															
CSE	573	ARTIFICIAL INTEL I Artificial Intelligence I	AUT/2014 -	AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
						LAST UPDT: 9/19/14 APPROVED: 6/22/89															
						COMMENT:14-16 PREQ CHG															

DATE: 10-07-2019
TIME: 20:10:10

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 K
PAGE: 1,258

COLLEGE : J - Engineering
DEPARTMENT: COMPUTER SCI & ENGR

COURSE CURRIC NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER D -ALL U MAX P	D GRD SYS	D E HYPH	S H F U N E M R E	V L I P & N A S W	E E L C Q T M S P R G	W R N	RESPONS COURSE	JOINT COURSES	O M I T
CSE 574	ARTIFICIAL INTEL II Artificial Intelligence II	AUT/2014 -	AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.
COMMENT:14-16 PREQ CHG					LAST UPDT: 9/19/14 APPROVED: 6/22/89									
CSE 576	COMPUTER VISION Computer Vision	AUT/2014 -	AUT/9999	3.0	.	.	.	.	.	.	.	CSE 576	E E	576 .
COMMENT:14-16 PREQ CHG					LAST UPDT: 9/19/14 APPROVED: 6/22/89									
CSE 577	COMPUTER VISION Special Topics in Computer Vision	AUT/2014 -	AUT/9999	3.0	.	.	.	.	.	.	.	CSE 577	E E	577 .
COMMENT:14-16 PREQ CHG					LAST UPDT: 7/31/14 APPROVED: 4/28/03									
CSE 578	CONVEX OPTIMIZATION Convex Optimization	AUT/2017 -	AUT/9999	4.0	.	.	.	.	.	.	.	E E 578	M E	578 .
					LAST UPDT: 5/31/18 APPROVED: 3/29/05									
					A A 578 E E 578									
CSE 579	INTELLIGENT CONTROL Intelligent Control through Learning and Optimization	WIN/2016 -	AUT/9999	3.0	.	.	.	.	.	.	.	AMATH 571	AMATH 571	. .
					LAST UPDT: 2/26/16 APPROVED: 2/16/10									
CSE 583	SOFTWR DEV DAT SCI Software Development for Data Scientists	WIN/2017 -	AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.
					LAST UPDT:12/16/16 APPROVED:12/13/16									
CSE 586	INTRO SYNTH BIO Introduction to Synthetic Biology	AUT/2016 -	AUT/9999	3.0	.	.	.	.	.	.	.	E E 523	BIOEN 523	. .
					LAST UPDT: 9/28/16 APPROVED:11/17/09									
					MOLENG 525 E E 523									
CSE 587	ADV SYNTHETIC BIO Advanced Systems and Synthetic Biology	AUT/2011 -	AUT/9999	3.0	.	.	.	.	.	.	.	BIOEN 524	E E	524 .
COMMENT:CHG DESC					LAST UPDT: 8/16/11 APPROVED:11/17/09									
					BIOEN 524									
CSE 590	RESEARCH SEMINAR Research Seminar	AUT/2014 -	AUT/9999	0.0	50.0 Y	.	.	.	.	.	.	.	.	.
COMMENT:14-16 PREQ CHG					LAST UPDT: 9/19/14 APPROVED: 6/01/89									
FEE TYPE:1 \$30.00 BUDGET:069390 REV OBJ CD:943081														

DATE: 10-07-2019
TIME: 20:10:10

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 K
PAGE: 1,259

COLLEGE : J - Engineering
DEPARTMENT: COMPUTER SCI & ENGR

COURSE CURRIC NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER D -ALL U MAX P	D GRD SYS	D E HYPH	S H F U N E M R E	V L I P & N A S W	E E L C M S	W R Q T P R G	RESPONS COURSE	JOINT COURSES	O M I T
CSE 591	GROUP PROJECTS Group Projects in Computer Science	WIN/2009 - AUT/9999	1.0-03.0	25.0	.	.	.	.	.	.	.	.	.	.
					LAST UPDT:11/19/08 APPROVED: 2/27/04									
					COMMENT:CHG MAX CREDITS									
CSE 599	SPECIAL TOPICS Special Topics in Computer Science	AUT/2013 - AUT/9999	1.0-05.0	30.0	.	.	.	.	.	.	.	.	.	.
					LAST UPDT: 6/05/13 APPROVED: 2/27/04									
					COMMENT:CHG CREDITS									
CSE 600	INDEPN DNT STDY/RSCH Independent Study or Research	WIN/1990 - AUT/9999	0.0	999.0	.	CR/NC	.	11	.	.	.	.	.	.
					LAST UPDT: 4/19/10 APPROVED: 6/22/89									
					COMMENT:WAS C SCI 600									
CSE 601	INTERNSHIP Internship	SPR/2016 - AUT/9999	1.0-02.0	12.0	.	CR/NC	.	.	.	.	.	.	.	.
					LAST UPDT: 6/06/16 APPROVED: 2/16/16									
CSE 700	MASTERS THESIS Master's Thesis	WIN/1990 - AUT/9999	0.0	999.0	.	CR/NC	.	11	.	.	.	.	.	.
					LAST UPDT: 4/19/10 APPROVED: 6/22/89									
					COMMENT:WAS C SCI 700									
CSE 800	DOCTORAL DISSERTATN Doctoral Dissertation	WIN/1990 - AUT/9999	0.0	999.0	.	CR/NC	.	11	.	.	.	.	.	.
					LAST UPDT: 4/19/10 APPROVED: 6/22/89									
					COMMENT:WAS C SCI 800									

DATE: 10-07-2019
TIME: 20:10:10

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 K
PAGE: 1,260

COLLEGE : J - Engineering
DEPARTMENT: COMPUTER SCI & ENGR

COURSE CURRIC NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER D -ALL U MAX P	D GRD SYS	D E D HYPH	S H F U N E M R E	V L I P & N A S W	E E L E C M S N	W R Q T P R G	RESPONS COURSE	JOINT COURSES	O M I T
CSE D 514	DATA MGMT DATA SCIEN Data Management for Data Science	WIN/2018	- AUT/9999	5.0	.	.	.	.	.	.	.	CSE D 514 DATA	514	.
LAST UPDT: 3/03/17 APPROVED: 2/21/17														
CSE D 515	SOFTWR DSGN DAT SCI Software Design for Data Science	SPR/2017	- AUT/9999	5.0	.	.	.	.	.	.	.	CSE D 515 DATA	515	.
LAST UPDT: 3/06/17 APPROVED: 2/21/17														
CSE D 516	SCAL DATA SYS & ALG Scalable Data Systems and Algorithms	AUT/2017	- AUT/9999	5.0	.	.	.	.	.	.	.	CSE D 516 DATA	516	.
LAST UPDT: 3/06/17 APPROVED: 2/21/17														

REPORT: SR21010-R-01 K
PAGE: 1,261

DEPARTMENT: COMPUTER SCI & ENGR																O M I T				
COURSE CURRIC NUM	TITLE	EFFECTIVE QUARTERS	QUARTER CREDITS	OVER -ALL MAX	D U P	GRD SYS	D E HYPH	S U M	H N R	F E	V L A	I P S	L & W	E C M	E C M	Q S N	T R G	RESPONS COURSE	JOINT COURSES	
CSE M 501	INT COMPILER CONSTR Introduction to Compiler Construction	SPR/2018 - AUT/9999	4.0	.	.			.	.	.	.	.	.	.	.	.	.			.
				LAST UPDT: 3/22/18 APPROVED: 3/20/18																
CSE M 544	DATABASE SYSTEMS Database Systems	AUT/2014 - AUT/9999	4.0	.	.			.	.	.	.	.	.	.	.	.	.			.
				LAST UPDT: 9/19/14 APPROVED: 6/17/08																
				COMMENT:14-16 PREQ CHG																
CSE M 547	NAT LANG PROCESSING Natural Language Processing	WIN/2018 - AUT/9999	4.0	.	.			.	.	.	.	.	.	.	.	.	.			.
				LAST UPDT:12/21/17 APPROVED:12/19/17																
CSE M 552	DISTRIBUTED SYSTEMS Introduction to Distributed Systems	AUT/2014 - AUT/9999	4.0	.	.			.	.	.	.	.	.	.	.	.	.			.
				LAST UPDT: 9/19/14 APPROVED: 8/21/12																
				COMMENT:14-16 PREQ CHG																
CSE M 584	COMPUTER SECURITY Computer Security	AUT/2014 - AUT/9999	4.0	.	.			.	.	.	.	.	.	.	.	.	.			.
				LAST UPDT: 9/19/14 APPROVED:12/16/08																
				COMMENT:14-16 PREQ CHG																

DATE: 10-07-2019
TIME: 20:10:10

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 K
PAGE: 1,262

COLLEGE : J - Engineering
DEPARTMENT: COMPUTER SCI & ENGR

DEPARTMENT: COMPUTER SCI & ENGR										V L E W L I E C Q T P & N C M S N A S W T P R G										O M I T				
COURSE		TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER D		GRD	D	S H F												RESPONS	JOINT	
CURRIC	NUM					MAX	P			SYS	E	HYPH	M	R	E	A	S	W	T	P	R			
CSE	P	501	COMPILER CONSTRUCT Compiler Construction	AUT/2014 - AUT/9999	4.0	.		.		.	.	.	.	.	.	.	.							
						LAST UPDT: 9/19/14		APPROVED: 1/23/97																
						COMMENT:14-16 PREQ CHG																		
CSE	P	503	SOFTWARE ENGINEERNG Principles of Software Engineering	AUT/2014 - AUT/9999	4.0	.		.		.	.	.	.	.	.	.	.			.				
						LAST UPDT: 9/19/14		APPROVED: 1/23/97																
						COMMENT:14-16 PREQ CHG																		
CSE	P	504	ADV SOFTWARE SYSTMS Advanced Topics in Software Systems	WIN/2010 - AUT/9999	4.0	.		.		.	.	.	.	.	.	.	.			.				
						LAST UPDT:12/16/09		APPROVED:12/15/09																
CSE	P	505	PROG LANGUAGES Programming Languages	AUT/2014 - AUT/9999	4.0	.		.		.	.	.	.	.	.	.	.			.				
						LAST UPDT: 9/19/14		APPROVED: 1/23/97																
						COMMENT:14-16 PREQ CHG																		
CSE	P	510	HUMAN CMP INTERACTN Human Computer Interaction	AUT/2014 - AUT/9999	4.0	.		.		.	.	.	.	.	.	.	.			.				
						LAST UPDT: 9/19/14		APPROVED: 1/23/97																
						COMMENT:14-16 PREQ CHG																		
CSE	P	517	NAT LANG PROCESSING Natural Language Processing	AUT/2013 - AUT/9999	4.0	.		.		.	.	.	.	.	.	.	.			.				
						LAST UPDT:10/16/13		APPROVED:10/15/13																
CSE	P	521	APPLIED ALGORITHMS Applied Algorithms	AUT/2014 - AUT/9999	4.0	.		.		.	.	.	.	.	.	.	.			.				
						LAST UPDT: 9/19/14		APPROVED: 1/23/97																
						COMMENT:14-16 PREQ CHG																		
CSE	P	524	PARALLEL COMPUTATN Parallel Computation	AUT/2014 - AUT/9999	4.0	.		.		.	.	.	.	.	.	.	.			.				
						LAST UPDT: 9/19/14		APPROVED: 9/28/98																
						COMMENT:14-16 PREQ CHG																		
CSE	P	527	COMP BIO Computational Biology	SPR/2016 - AUT/9999	4.0	.		.		.	.	.	.	.	.	.	.			.				
						LAST UPDT: 3/22/16		APPROVED: 3/21/16																

DATE: 10-07-2019
TIME: 20:10:10

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 K
PAGE: 1,263

COLLEGE : J - Engineering
DEPARTMENT: COMPUTER SCI & ENGR

COURSE CURRIC NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER D -ALL U MAX P	D GRD SYS	D E HYPH	S H F U N E M R E	V L I P & N A S W	E E L C Q M S N	W R T G	RESPONS COURSE	JOINT COURSES	O M I T
CSE P 531	COMP & COMPLEX THRY Computability and Complexity Theory	AUT/2014 -	AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.
COMMENT:14-16 PREQ CHG					LAST UPDT: 9/19/14 APPROVED:12/13/06									
CSE P 544	DATABASE MGT SYS Database Management System	AUT/2014 -	AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.
COMMENT:14-16 PREQ CHG					LAST UPDT: 9/19/14 APPROVED: 3/31/98									
CSE P 545	TRANSACTION PROCESS Transaction Processing	AUT/2014 -	AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.
COMMENT:14-16 PREQ CHG					LAST UPDT: 9/19/14 APPROVED:12/31/96									
CSE P 546	MACHINE LEARNING Machine Learning	AUT/2018 -	AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.
LAST UPDT: 6/11/18 APPROVED: 3/25/02														
CSE P 548	COMPUTER ARCH Computer Architecture	AUT/2014 -	AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.
COMMENT:14-16 PREQ CHG					LAST UPDT: 9/19/14 APPROVED: 1/23/97									
CSE P 551	OPERATING SYS Computer Operating Systems	AUT/2014 -	AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.
COMMENT:14-16 PREQ CHG					LAST UPDT: 9/19/14 APPROVED:12/31/96									
CSE P 552	DISTRIBUTED SYSTEMS Distributed Systems	AUT/2014 -	AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.
COMMENT:14-16 PREQ CHG					LAST UPDT: 9/19/14 APPROVED:12/13/06									
CSE P 557	TRENDS COMP GRAPHIC Current Trends in Computer Graphics	AUT/2014 -	AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.
COMMENT:14-16 PREQ CHG					LAST UPDT: 9/19/14 APPROVED: 1/23/97									
CSE P 561	NETWORK SYSTEMS Network Systems	AUT/2014 -	AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.
COMMENT:14-16 PREQ CHG					LAST UPDT: 9/19/14 APPROVED: 1/23/97									

DATE: 10-07-2019
TIME: 20:10:10

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 K
PAGE: 1,264

COLLEGE : J - Engineering
DEPARTMENT: COMPUTER SCI & ENGR

COURSE CURRIC NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER D -ALL U MAX P	D GRD SYS	D E HYPH	S H F U N E M R E	V L I P & N A S W	E E L C M S T P	W R N G	RESPONS COURSE	JOINT COURSES	O M I T	
CSE P 564	COMPUTER SECURITY Computer Security and Privacy	AUT/2012 -	AUT/9999	4.0	.	.	.	.	.	.	.			Y	
					LAST UPDT:11/21/12					APPROVED:11/20/12					
CSE P 567	DIGITAL SYSTEMS Design and Implementation of Digital Systems	AUT/2014 -	AUT/9999	4.0	.	.	.	.	.	.	.			.	
					LAST UPDT: 9/19/14					APPROVED: 1/23/97					
COMMENT:14-16 PREQ CHG															
CSE P 573	APPS ARTIF INTEL Applications of Artificial Intelligence	AUT/2014 -	AUT/9999	4.0	.	.	.	.	.	.	.			.	
					LAST UPDT: 9/19/14					APPROVED: 1/23/97					
COMMENT:14-16 PREQ CHG															
CSE P 576	COMPUTER VISION Computer Vision	AUT/2003 -	AUT/9999	4.0	.	.	.	.	.	.	.			.	
					LAST UPDT:10/16/06					APPROVED: 1/30/03					
COMMENT:CHANGE TITLES															
CSE P 590	SP TPC COMPTR SCI Special Topics in Computer Science	SPR/2003 -	AUT/9999	1.0-04.0	20.0	.	.	.	.	.	.			.	
					LAST UPDT: 2/06/03					APPROVED: 1/30/03					
CSE P 595	SW ENTREPRENEURSHIP Software Entrepreneurship	SPR/2003 -	AUT/9999	4.0	.	.	.	.	.	.	.			.	
					LAST UPDT: 2/27/03					APPROVED: 2/26/03					
CSE P 596	SOFTWARE BUSINESS Business Basics Computer Science Professionals	SPR/2003 -	AUT/9999	4.0	.	.	.	.	.	.	.			.	
					LAST UPDT: 2/06/03					APPROVED: 1/30/03					
CSE P 600	INDPNT STDY/RES Independent Study or Research	SPR/2003 -	AUT/9999	1.0-04.0	999.0	.	.	11	.	.	.			.	
					LAST UPDT: 4/19/10					APPROVED: 1/30/03					

DATE: 10-07-2019
TIME: 20:10:10

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 K
PAGE: 1,265

COLLEGE : J - Engineering
DEPARTMENT: ELECTRICAL ENGR

COURSE CURRIC NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER D -ALL U MAX P	D GRD SYS	D E HYPH	S H F U N E M R E	V L I P & N A S W	E E L E C M S N T P R G	W R Q T	RESPONS COURSE	JOINT COURSES	O M I T
E E	205	INTRO SIGNAL COND Introduction to Signal Conditioning	SPR/2010 - AUT/9999	4.0	.	.	.	. . Y	.	.	. Y .	.	.	.
					LAST UPDT: 8/22/16 APPROVED:11/17/09 FEE TYPE:1 \$50.00 BUDGET:069330 REV OBJ CD:943081									
E E	215	INTRO TO E E Fundamentals of Electrical Engineering	SPR/2016 - AUT/9999	4.0	.	.	.	. . Y	.	. Y	.	.	.	.
					LAST UPDT:11/24/15 APPROVED: 3/15/99 FEE TYPE:1 \$50.00 BUDGET:069330 REV OBJ CD:943081									
E E	233	CIRCUIT THEORY Circuit Theory	AUT/2018 - AUT/9999	5.0	.	.	.	. . Y	.	.	.	.	.	.
					LAST UPDT: 3/22/18 APPROVED: 2/03/92 FEE TYPE:1 \$50.00 BUDGET:069330 REV OBJ CD:943081									
E E	235	CT LINEAR SYSTEMS Continuous Time Linear Systems	SPR/2016 - AUT/9999	5.0	.	.	.	. . Y	.	.	.	.	.	.
					LAST UPDT:11/24/15 APPROVED: 3/31/92 FEE TYPE:1 \$35.00 BUDGET:069330 REV OBJ CD:943081									
E E	271	DIGITAL CIR & SYSTE Digital Circuits and Systems	SPR/2016 - AUT/9999	5.0	.	.	.	. . Y	.	.	.	.	.	.
					LAST UPDT:11/24/15 APPROVED:12/06/91 FEE TYPE:1 \$50.00 BUDGET:069330 REV OBJ CD:943081									
E E	299	INTRO TPCS E E Introductory Topics in Electrical Engineering	WIN/2014 - AUT/9999	1.0-05.0	10.0	.	.	. . .	.	. Y	.	.	.	.
					LAST UPDT:10/16/13 COMMENT:CHG TITLES, MAX CREDITS									
E E	331	DEVICES/CIRCUITS I Devices and Circuits I	AUT/1996 - AUT/9999	5.0	.	.	.	. . Y	.	.	.	.	.	.
					LAST UPDT: 7/23/15 APPROVED:12/06/91 FEE TYPE:1 \$50.00 BUDGET:069330 REV OBJ CD:943081 COMMENT:CHANGE DESCRIPTION									
E E	332	DEVICES/CIRCUITS II Devices and Circuits II	AUT/1995 - AUT/9999	5.0	.	.	.	. . Y	.	.	.	.	.	.
					LAST UPDT: 7/23/15 APPROVED:12/06/91 FEE TYPE:1 \$50.00 BUDGET:069330 REV OBJ CD:943081 COMMENT:CHANGE DESCRIPTION									
E E	341	DT LINEAR SYSTEMS Discrete Time Linear Systems	WIN/1999 - AUT/9999	5.0	.	.	.	. . Y	.	.	.	.	.	.
					LAST UPDT: 7/23/15 APPROVED:12/06/91 FEE TYPE:1 \$35.00 BUDGET:069330 REV OBJ CD:943081 COMMENT:CHG CONTACT HOURS									

DATE: 10-07-2019
TIME: 20:10:10

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 K
PAGE: 1,266

COLLEGE : J - Engineering
DEPARTMENT: ELECTRICAL ENGR

COURSE CURRIC NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER D -ALL U MAX P	D GRD SYS	D E HYPH	S H F U N E M R E	V L I P & N A S W	E E L E C M S N T P R G	RESPONS COURSE	JOINT COURSES	O M I T
E E	351 ENERGY SYSTEMS Energy Systems	WIN/2005 -	AUT/9999	5.0	.	.	.	. . Y	.	.	.	.	.
					LAST UPDT: 9/20/19 APPROVED:12/06/91 FEE TYPE:1 \$50.00 BUDGET:069330 REV OBJ CD:943081								
E E	361 APPL EM Applied Electromagnetics	AUT/2006 -	AUT/9999	5.0	.	.	.	. . Y	.	.	.	.	.
					LAST UPDT: 7/17/15 APPROVED:12/06/91 FEE TYPE:1 \$50.00 BUDGET:069330 REV OBJ CD:943081								
E E	371 DIGITAL DESIGN Design of Digital Circuits and Systems	WIN/2016 -	AUT/9999	5.0	.	.	.	. . Y	.	.	E E	371 CSE	371 .
					LAST UPDT: 8/22/16 APPROVED: 9/16/14 FEE TYPE:1 \$50.00 BUDGET:069330 REV OBJ CD:943081								
E E	393 ADV TECH WRITING EE Advanced Technical Writing in Electrical Engineering	WIN/2017 -	AUT/9999	4.0	.	.	.	. . .	.	.	.	.	.
					LAST UPDT: 9/06/16 APPROVED: 6/04/13								
E E	398 PROFESSIONAL ISSUES Introduction to Professional Issues	SPR/2008 -	AUT/9999	1.0	.	.	.	. . .	.	.	.	.	.
					LAST UPDT: 3/19/08 APPROVED: 3/18/08								
E E	399 SPEC TPCS ELEC ENGR Special Topics in Electrical Engineering	WIN/2014 -	AUT/9999	1.0-05.0	10.0 .	.	.	. . .	.	.	.	.	.
					LAST UPDT:10/16/13 COMMENT:CHG CREDITS								
E E	400 ADV TOPICS E E Advanced Topics in Electrical Engineering	AUT/2001 -	AUT/9999	1.0-05.0	10.0 Y	.	.	. . Y	.	.	.	.	.
					LAST UPDT: 7/23/15 APPROVED: 1/29/87 FEE TYPE:1 \$50.00 BUDGET:061030 REV OBJ CD:943081								
E E	406 ENGR DES FOR K-12 Engineering Design for K-12 Outreach	AUT/2006 -	AUT/9999	3.0	.	.	.	. . .	.	.	.	.	.
					LAST UPDT: 5/01/06 APPROVED: 4/28/06								
E E	414 ENG INNOV HLTH Engineering Innovation in Health	AUT/2019 -	AUT/9999	4.0	.	.	.	. . .	.	.	M E	414 M E	414 .
					LAST UPDT: 6/06/19 APPROVED: 6/07/16								
E E	416 RANDOM SIGNALS Random Signals for Communications and Signal Processing	AUT/2006 -	AUT/9999	4.0	.	.	.	. . .	.	.	.	.	.
					LAST UPDT: 3/21/06 APPROVED:10/23/97 COMMENT:CHG TITLES								

REPORT: SR21010-R-01 K
PAGE: 1,267

DEPARTMENT: ELECTRICAL ENGR

DEPARTMENT: ELECTRICAL ENGR																				RESPONS		JOINT		
COURSE						QUARTER		OVER D		D		S H F		V		E E W								
CURRIC	NUM	TITLE	EFFECTIVE	QUARTERS	CREDITS	-ALL	U	GRD	E	HY	PH	M	R	E	L	I	E	C	Q	T				
						MAX	P	SYS	D						A	S	W	T	P	R				
E E	417	MOD WIRELESS COMMS Modern Wireless Communications	WIN/2018 -	AUT/9999	4.0	.		.				.	.	.	.	.	.	.	.	.				
						LAST UPDT: 6/15/17				APPROVED: 6/03/71														
E E	418	NETWK SECR & CRYPTOOG Network Security and Cryptography	AUT/2004 -	AUT/9999	3.0	.		.				.	.	.	.	.	.	.	.	.				
						LAST UPDT:10/16/06				APPROVED: 6/03/71														
COMMENT: CHANGE PREREQ																								
E E	419	INTRO COMP NETWORKS Introduction to Computer-Communication Networks	AUT/2018 -	AUT/9999	4.0	.		.				.	.	.	.	.	.	.	.	.				
						LAST UPDT: 6/11/18				APPROVED: 3/28/91														
E E	420	DESIGN IN COMM Design in Communications	WIN/1998 -	AUT/9999	4.0	.		.				.	.	.	.	.	.	.	.	.				
						LAST UPDT:11/02/97				APPROVED:10/23/97														
E E	421	QUANTUM MECH ENGRS Quantum Mechanics for Engineers	AUT/2017 -	AUT/9999	3.0	.		.				.	.	.	.	.	.	.	.	.				
						LAST UPDT:12/12/17				APPROVED:11/14/17														
E E	423	INTRO SYNTH BIO Introduction to Synthetic Biology	AUT/2019 -	AUT/9999	3.0	.		.				.	.	.	.	.	.	.	.	.				
						LAST UPDT: 4/10/19				APPROVED:11/17/09										E E	423 CSE	486	.	
																				BIOEN 423				
E E	424	ADV SYNTHETIC BIO Advanced Systems and Synthetic Biology	AUT/2011 -	AUT/9999	3.0	.		.				.	.	.	.	.	.	.	.	.				
						LAST UPDT: 3/21/16				APPROVED:11/17/09										BIOEN	424 CSE	487	.	
																				BIOEN 424				
COMMENT:EMAIL PREQ CHG, CHG DESC																								
E E	425	LAB SYNTH BIO Laboratory Methods in Synthetic Biology	AUT/2009 -	AUT/9999	4.0	.		.				.	.	.	.	.	.	.	.	.				
						LAST UPDT: 1/27/10				APPROVED:11/17/09										E E	425 BIOEN	425	.	
																				CSE 488				
E E	433	ANALOG CKT DESIGN Analog Circuit Design	AUT/1992 -	AUT/9999	5.0	.		.				.	.	Y	.	.	.	.	.	.				
						LAST UPDT: 7/17/15																		
COMMENT:CHG TITLES, CRS, DESC					FEE TYPE:1	\$50.00	BUDGET:069330 REV OBJ CD:943081																	
E E	436	MEDICAL INSTRUMENTN Medical Instrumentation	WIN/2013 -	AUT/9999	4.0	.		.				.	.	.	.	.	.	.	.	.				
						LAST UPDT: 5/31/12				APPROVED: 9/26/74														
COMMENT:EMAIL PREQ CHG																								

REPORT: SR21010-R-01 K
PAGE: 1,268

DEPARTMENT: ELECTRICAL ENGR

DEPARTMENT: ELECTRICAL ENGR										V	E	E	W																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
-----------------------------	--	--	--	--	--	--	--	--	--	---	---	---	---	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

DATE: 10-07-2019
TIME: 20:10:10

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 K
PAGE: 1,269

COLLEGE : J - Engineering
DEPARTMENT: ELECTRICAL ENGR

COURSE CURRIC NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER D -ALL U MAX P	D GRD SYS	D E HYPH	S H F U N E M R E	V L I P & N A S W	E E L E C M S N T P R G	RESPONS COURSE	JOINT COURSES	O M I T
E E	452	PWR ELECTRONIC DES Power Electronics Design	AUT/2007 - AUT/9999	5.0	.	.	.	. . Y	.	.	.	.	.
					LAST UPDT: 7/23/15 APPROVED: 4/25/85 FEE TYPE:1 \$50.00 BUDGET:069330 REV OBJ CD:943081								
E E	453	ELECTRIC DRIVES Electric Drives	AUT/2014 - AUT/9999	5.0	.	.	.	. . Y	.	.	.	.	.
					LAST UPDT: 1/16/14 APPROVED:11/22/82 FEE TYPE:1 \$50.00 BUDGET:069330 REV OBJ CD:943081								
E E	454	POWER SYS ANLYS Power System Analysis	AUT/2002 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.
					LAST UPDT:10/16/06 APPROVED: 6/03/71								
E E	455	POWER SYS DYN & PROT Power System Dynamics and Protection	WIN/2003 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.
					LAST UPDT:10/16/06 APPROVED:11/17/77								
E E	456	CAD IN POWER SYST Computer-Aided Design in Power Systems	SPR/1990 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.
					LAST UPDT:10/16/06 APPROVED: 2/24/77								
E E	457	ELEC ENERGY DISTR Electric Energy Distribution Systems	WIN/1981 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.
					LAST UPDT:10/16/06 APPROVED:12/18/80								
E E	458	POWER ELEC CONTROLS Power Electronics Controls	WIN/2020 - AUT/9999	5.0	.	.	.	.	.	.	.	.	.
					LAST UPDT: 6/06/19 APPROVED: 6/04/19								
E E	460	NEURAL ENGINEERING Neural Engineering	AUT/2019 - AUT/9999	3.0	.	.	.	.	.	.	.	BIOEN 460 BIOEN 460	.
					LAST UPDT:12/20/18 APPROVED: 6/07/16								
E E	461	NEURAL TECH STUDIO Neural Engineering Tech Studio	AUT/2019 - WIN/2020	4.0	.	.	.	.	.	.	.	BIOEN 461 BIOEN 461	.
					LAST UPDT:10/07/19 APPROVED: 6/07/16								
E E	461	NEURAL TECH STUDIO Neural Engineering Tech Studio	SPR/2020 - AUT/9999	4.0	.	.	.	.	.	.	.	BIOEN 461 BIOEN 461	.
					LAST UPDT:10/07/19 APPROVED: 6/07/16								

DATE: 10-07-2019
TIME: 20:10:10

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 K
PAGE: 1,270

COLLEGE : J - Engineering
DEPARTMENT: ELECTRICAL ENGR

COURSE CURRIC NUM	TITLE	EFFECTIVE QUARTERS	QUARTER CREDITS	OVER D -ALL U MAX P	D GRD SYS	D E HYPH	S H F U N E M R E	V L I P & N A S W	E E L C M T P R	W R G	RESPONS COURSE	JOINT COURSES	O M I T
E E 462	EM I: MWAVE ENGR Electromagnetics I: Microwave Engineering	WIN/2016 - AUT/9999	4.0	.	.	.	.	.	.	.			.
LAST UPDT: 8/19/15 APPROVED: 1/20/93													
E E 463	MICROWAVE ELEC DESN Microwave Electronic Design	SPR/2017 - AUT/9999	4.0	.	.	.	.	.	.	.			.
LAST UPDT:11/30/16													
E E 464	ANTENNAS Antennas: Analysis and Design	WIN/2016 - AUT/9999	4.0	.	.	.	.	.	.	.			.
LAST UPDT: 8/19/15 APPROVED: 1/29/70													
E E 466	NEUROCOMP/ENGR LAB Neural Computation and Engineering Laboratory	AUT/2019 - AUT/9999	3.0	.	.	.	Y	.	Y	.	NEUSCI405	BIOEN 466	.
LAST UPDT: 3/21/19 APPROVED: 1/19/16 NEUSCI 405													
FEE TYPE:1 \$110.00 BUDGET:069241 REV OBJ CD:943081													
E E 469	COMPUTER ARCH I Computer Architecture I	WIN/2016 - AUT/9999	5.0	.	.	.	Y	.	.	.	E E 469 CSE	469	.
LAST UPDT: 6/05/15 APPROVED: 6/23/83													
FEE TYPE:1 \$50.00 BUDGET:069330 REV OBJ CD:943081													
E E 470	COMPUTER ARCH II Computer Architecture II	SUM/2019 - AUT/9999	4.0	.	.	.	.	.	.	.	CSE 470 CSE	470	.
LAST UPDT: 5/10/19 APPROVED: 5/29/92													
E E 473	LINEAR IC DESIGN Linear Integrated Circuits	AUT/2007 - AUT/9999	5.0	.	.	.	Y	.	.	.			.
LAST UPDT: 7/23/15 APPROVED: 5/30/22													
COMMENT:CHG CREDITS FEE TYPE:1 \$35.00 BUDGET:069330 REV OBJ CD:943081													
E E 474	INTRO EMBEDDED SYS Introduction to Embedded Systems	AUT/2018 - AUT/9999	4.0	.	.	.	Y	.	.	.	CSE 474 CSE	474	.
LAST UPDT: 8/16/18 APPROVED:12/01/99													
FEE TYPE:1 \$50.00 BUDGET:069645 REV OBJ CD:943081													
E E 475	EMBEDDED CAPSTONE Embedded Systems Capstone	WIN/2016 - AUT/9999	5.0	.	.	.	Y	.	.	.	E E 475 CSE	475	.
LAST UPDT: 6/05/15 APPROVED: 6/01/84													
FEE TYPE:1 \$50.00 BUDGET:069330 REV OBJ CD:943081													
E E 476	INTRO VLSI DESIGN Introduction to Very Large-Scale Integrated Design	AUT/2019 - AUT/9999	5.0	.	.	.	Y	.	.	.			.
LAST UPDT: 1/24/19													
FEE TYPE:1 \$50.00 BUDGET:069330 REV OBJ CD:943081													

DATE: 10-07-2019
TIME: 20:10:10

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 K
PAGE: 1,271

COLLEGE : J - Engineering
DEPARTMENT: ELECTRICAL ENGR

COURSE CURRIC NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER D -ALL U MAX P	D GRD SYS	D E HYPH	S H F U N E M R E	V L I P & N A S W	E E L C M S T P	W R Q T P R G	RESPONS COURSE	JOINT COURSES	O M I T
E E	477 VLSI II VLSI II	SUM/2019 -	AUT/9999	5.0	.	.	.	. . Y	.	.	.	.	.	.
LAST UPDT: 8/27/19 APPROVED: 2/23/96 FEE TYPE:1 \$50.00 BUDGET:069330 REV OBJ CD:943081														
E E	478 DIG DESIGN PROJECTS Capstone Integrated Digital Design Projects	SPR/2019 -	AUT/9999	5.0	.	.	.	.	.	.	.	.	.	.
LAST UPDT: 3/22/19 APPROVED: 3/19/19														
E E	482 SEMICONDUCTR DEVICES Semiconductor Devices	WIN/2013 -	AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.
LAST UPDT: 5/31/12 APPROVED: 5/24/93 COMMENT:EMAIL PREQ CHG														
E E	484 SENSRS/SENSR SYSTMS Sensors and Sensor Systems	SPR/2012 -	AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.
LAST UPDT: 1/23/12 APPROVED: 2/25/00 COMMENT:EMAIL PREQ CHG														
E E	485 INTRO TO PHOTONICS Introduction to Photonics	WIN/2007 -	AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.
LAST UPDT: 1/16/13 APPROVED: 3/31/98 COMMENT:CHG PREREQ, DESC														
E E	486 IC TECHNOLOGY Fundamentals of Integrated Circuit Technology	SPR/2016 -	AUT/9999	3.0	.	.	.	.	.	.	.	MSE	486 MSE	486 .
LAST UPDT: 3/16/16 APPROVED: 1/03/01														
E E	490 READINGS & RESEARCH Reading and Research	SUM/2008 -	AUT/9999	1.0-05.0	25.0 .	CR/NC .	.	.	.	.	.	.	.	.
LAST UPDT: 2/05/09 APPROVED: 6/17/08														
E E	491 UNDERGRAD SEMINAR Undergraduate Seminar	WIN/2009 -	AUT/9999	1.0	2.0 .	CR/NC .	.	.	.	.	.	.	.	.
LAST UPDT:11/19/08 APPROVED:11/18/08														
E E	492 LEADERSHIP SEMINAR Electrical Engineering Leadership Seminar	WIN/2017 -	AUT/9999	1.0	.	CR/NC .	.	.	.	.	.	.	.	.
LAST UPDT: 4/14/17 APPROVED:12/13/16														
E E	496 ENGR ENTRE SYS & DES Engineering Entrepreneurial Systems and Design	AUT/2017 -	AUT/9999	2.0	.	.	.	.	.	.	.	.	.	.
LAST UPDT: 6/23/17 APPROVED: 6/06/17														

REPORT: SR21010-R-01 K
PAGE: 1,272

DATE: 10-07-2019
TIME: 20:10:10

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 K
PAGE: 1,273

COLLEGE : J - Engineering
DEPARTMENT: ELECTRICAL ENGR

COURSE CURRIC NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER D -ALL U MAX P	D GRD SYS	D E HYPH	S H F U N E M R E	V L I P & N A S W	E E L C M T P R	W Q S N G	RESPONS COURSE	JOINT COURSES	O M I T
E E	507 ADV WIRELESS SYS Advanced Wireless Systems	AUT/2020 -	AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.
LAST UPDT: 6/10/19														
E E	508 STOC PROC IN ENGR Stochastic Processes in Engineering	WIN/2009 -	AUT/9999	3.0	.	.	.	.	.	.	.	E E	508 IND E 508	.
LAST UPDT: 3/04/16 APPROVED: 7/16/70														
COMMENT:CHG TTL,DSC,PREQ, ADD JT STAT														
E E	510 MATH FOUND SYST THR Mathematical Foundations of Systems Theory	AUT/2014 -	AUT/9999	4.0	.	.	.	.	.	.	.	E E	510 A A 510	.
LAST UPDT: 7/31/14 APPROVED:10/24/91														
COMMENT:14-16 PREQ CHG														
CHEM E 510 M E 510														
E E	511 STAT LEARNING Introduction to Statistical Learning	WIN/2005 -	AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.
LAST UPDT: 9/28/04 APPROVED: 8/20/04														
E E	512 GRAPHICAL MODELS Graphical Models in Pattern Recognition	SPR/2006 -	AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.
LAST UPDT: 9/28/04 APPROVED: 8/20/04														
E E	514 INFO THEORY I Information Theory I	WIN/2005 -	AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.
LAST UPDT: 8/24/04 APPROVED: 8/20/04														
E E	515 INFO THEORY II Information Theory II	SPR/2005 -	AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.
LAST UPDT: 8/24/04 APPROVED: 8/20/04														
E E	516 COMP SPEECH PROC Computer Speech Processing	WIN/2001 -	AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.
LAST UPDT: 6/29/00 APPROVED: 6/28/00														
E E	517 CON-SPACE PROC Continuous-Space Language Processing	WIN/2016 -	AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.
LAST UPDT:11/19/15 APPROVED: 6/28/00														
E E	518 DIGITAL SIGNAL PROC Digital Signal Processing	SPR/2019 -	AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.
LAST UPDT:12/20/18 APPROVED: 3/18/71														

DATE: 10-07-2019
TIME: 20:10:10

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 K
PAGE: 1,274

COLLEGE : J - Engineering
DEPARTMENT: ELECTRICAL ENGR

COURSE CURRIC	NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER D -ALL U	D GRD E	S H F U N E	V L I	E E W L E C Q T	RESPONS COURSE	JOINT COURSES	O M I T
						MAX P	SYS D	HYPH M R E	P & A	N C M S N			
E E	519	STOCHASTIC ANALYSIS Stochastic Analysis of Data From Physical Systems	SPR/1982 - AUT/9999	4.0		.	.	. . .					.
						LAST UPDT:10/17/06 APPROVED: 6/03/71							
COMMENT:CHG TITLES, CRDT, DESC													
E E	520	SPCTR ANALYS TME SER Spectral Analysis of Time Series	AUT/2014 - AUT/9999	4.0		.	.	. . .			STAT 520	STAT 520	.
						LAST UPDT: 3/15/16 APPROVED: 6/01/81							
COMMENT:14-16 PREQ CHG													
E E	521	QUANTUM MECH ENGRS Quantum Mechanics for Engineers	AUT/2011 - AUT/9999	4.0		.	.	. . .					.
						LAST UPDT: 6/10/11 APPROVED: 5/17/11							
E E	523	INTRO SYNTH BIO Introduction to Synthetic Biology	AUT/2016 - AUT/9999	3.0		.	.	. . .		E E	523 BIOEN	523	.
						LAST UPDT: 9/28/16 APPROVED:11/17/09							
						CSE 586 MOLENG 525							
E E	524	ADV SYNTHETIC BIO Advanced Systems and Synthetic Biology	AUT/2011 - AUT/9999	3.0		.	.	. . .		BIOEN 524	CSE 587	.	.
						LAST UPDT: 3/21/16 APPROVED:11/17/09							
COMMENT:CHG DESC													
E E	525	VLSI II VLSI II	SUM/2019 - AUT/9999	5.0		.	.	. . Y					.
						LAST UPDT: 8/22/19 APPROVED: 8/23/00							
						FEE TYPE:1 \$50.00 BUDGET:069330 REV OBJ CD:943081							
E E	526	VLSI III VLSI III	SPR/2001 - AUT/9999	4.0		.	.	. . Y					.
						LAST UPDT: 7/23/15							
						FEE TYPE:1 \$50.00 BUDGET:069330 REV OBJ CD:943081							
COMMENT:WAS E E 535													
E E	527	MICROFABRICATION Microfabrication	SPR/2019 - AUT/9999	4.0		.	.	. . .					.
						LAST UPDT:12/20/18 APPROVED: 1/31/91							
E E	528	PHYSICS VLSI FAB Physics and Modeling of VLSI Fabrication	AUT/2005 - AUT/9999	4.0		.	.	. . .		E E	528 MSE	528	.
						LAST UPDT:10/21/16 APPROVED: 5/23/05							

DATE: 10-07-2019
TIME: 20:10:10

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 K
PAGE: 1,275

COLLEGE : J - Engineering
DEPARTMENT: ELECTRICAL ENGR

COURSE CURRIC NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER D -ALL U MAX P	GRD SYS	D E HYPH	S H F U N E M R E	V L I P & N A S W	E E L C M T P R	W R G	RESPONS COURSE	JOINT COURSES	O M I T
E E 529	SEMICOND OPTOELEC Semiconductor Optoelectronics	SPR/2016 -	AUT/9999	4.0	.	.	.	.	.	.	.	E E 529	MSE 529	.
LAST UPDT:12/20/15														
E E 530	WAVELETS Wavelets: Data Analysis, Algorithms, and Theory	AUT/2014 -	AUT/9999	3.0	.	.	.	.	.	.	.	STAT 530	STAT 530	.
COMMENT:14-16 PREQ CHG														
LAST UPDT: 3/22/16 APPROVED: 1/24/96														
E E 531	SEMI DEV&DEV SIMUL Semiconductor Devices and Device Simulation	AUT/2014 -	AUT/9999	4.0	.	.	.	.	.	.	.			.
COMMENT:14-16 PREQ CHG														
LAST UPDT: 7/31/14 APPROVED: 6/09/88														
E E 533	PHOTODETECTION Photodetectors and Photodetection	AUT/2014 -	AUT/9999	4.0	.	.	.	.	.	.	.			.
COMMENT:14-16 PREQ CHG														
LAST UPDT: 7/31/14 APPROVED: 5/14/70														
E E 534	POWER ELECTRONICS Power Electronics	AUT/2014 -	AUT/9999	4.0	.	.	.	.	.	.	.			.
COMMENT:14-16 PREQ CHG														
LAST UPDT: 7/31/14 APPROVED: 6/01/78														
E E 536	ANALOG IC SYSTEMS Design of Analog Integrated Circuits and Systems	AUT/2014 -	AUT/9999	4.0	.	.	.	.	.	.	.			.
COMMENT:14-16 PREQ CHG														
LAST UPDT: 7/31/14 APPROVED: 4/28/86														
E E 537	COMP METHOD SIMULAT Computation Methods for Circuit Analysis and Simulation	WIN/1994 -	AUT/9999	3.0	.	.	.	.	.	.	.			.
LAST UPDT:10/27/93 APPROVED:10/27/93														
E E 538	TOP ELECT CIR DES Topics in Electronic Circuit Design	AUT/2014 -	AUT/9999	1.0-05.0	16.0	.	.	.	.	.	.			.
COMMENT:14-16 PREQ CHG														
LAST UPDT: 7/31/14 APPROVED: 3/02/72														
E E 539	TPCS IN SOLID STATE Advanced Topics in Solid-State Electronics	AUT/2014 -	AUT/9999	1.0-05.0	16.0	Y	.	.	.	.	.			.
COMMENT:14-16 PREQ CHG														
LAST UPDT: 7/31/14 APPROVED:11/19/70														

DATE: 10-07-2019
TIME: 20:10:10

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 K
PAGE: 1,276

COLLEGE : J - Engineering
DEPARTMENT: ELECTRICAL ENGR

COURSE CURRIC NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER D -ALL U MAX P	D GRD SYS	D E HYPH	S H F U N E M R E	V L I P & N A S W	E E L C Q T P R G	W R S N	RESPONS COURSE	JOINT COURSES	O M I T
E E	541	AUTOMATIC LAYOUT Automatic Layout of Integrated Circuits	WIN/2008 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.
					LAST UPDT: 6/21/07 APPROVED: 2/23/96									
COMMENT:CHG PREQ														
E E	542	ADV EMBD SYS DESIGN Advanced Embedded Systems Design	AUT/2006 - AUT/9999	5.0	.	.	.	.	.	.	.	.	.	.
					LAST UPDT: 7/31/14 APPROVED: 5/17/06									
E E	543	ROBOT MANIPULATION Models of Robot Manipulation	AUT/2014 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.
					LAST UPDT: 7/31/14 APPROVED: 5/29/92									
COMMENT:14-16 PREQ CHG														
E E	546	CONTROL SYS THEORY Advanced Topics in Control System Theory	SPR/2010 - AUT/9999	1.0-05.0	16.0	.	.	.	.	.	.	.	.	.
					LAST UPDT: 1/20/10									
COMMENT:CHG MAX. CREDITS														
E E	547	LINEAR SYSTEMS Linear Systems Theory	AUT/2018 - AUT/9999	4.0	.	.	.	.	.	.	.	E E	547 M E	547 .
					LAST UPDT:12/20/18									
					A A 547									
E E	548	LIN MULTVAR CONTROL Linear Multivariable Control	AUT/2005 - AUT/9999	3.0	.	.	.	.	.	.	.	E E	548 A A	548 .
					LAST UPDT:10/17/06									
					M E 548									
COMMENT: CHG PREREQ														
E E	549	ST EST & KALMAN FLTR Estimation and System Identification	AUT/2012 - AUT/9999	3.0	.	.	.	.	.	.	.	E E	549 A A	549 .
					LAST UPDT: 4/24/12 APPROVED: 9/19/81									
					M E 549									
COMMENT:EMAIL PREQ CHG														
E E	550	NONLIN OPT CONTROL Nonlinear Optimal Control	AUT/2014 - AUT/9999	3.0	.	.	.	.	.	.	.	E E	550 A A	550 .
					LAST UPDT: 7/31/14 APPROVED: 9/19/81									
					M E 550									
COMMENT:14-16 PREQ CHG														
E E	551	WIND ENERGY Wind Energy	SPR/2011 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.
					LAST UPDT: 5/26/10 APPROVED: 5/18/10									

REPORT: SR21010-R-01 K
PAGE: 1,277

DATE: 10-07-2019
TIME: 20:10:10

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 K
PAGE: 1,278

COLLEGE : J - Engineering
DEPARTMENT: ELECTRICAL ENGR

COURSE CURRIC NUM	TITLE	EFFECTIVE QUARTERS	QUARTER CREDITS	OVER D -ALL U MAX P	D GRD SYS	D E HYPH	S H F U N E M R E	V L I P & N A S W	E E L C M S T P	W R Q T N G	RESPONS COURSE	JOINT COURSES	O M I T
E E	563	SUBMODULAR OPT Submodular Functions, Optimization, and Applications	SPR/2018 - AUT/9999 4.0	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 2/22/18		APPROVED: 2/20/18							
E E	564	NEUROCOMP/ENGR LAB Neural Computation and Engineering Laboratory	AUT/2019 - AUT/9999 3.0	.	.	.	.	.	.	.	BIOEN 566	BIOEN 566	.
				LAST UPDT:12/19/18		APPROVED: 2/21/17							
E E	565	COMPUT-COMM NETS I Computer-Communication Networks I	AUT/2014 - AUT/9999 4.0	.	.	.	.	.	.	.	.	.	.
COMMENT:14-16 PREQ CHG				LAST UPDT: 7/31/14		APPROVED: 6/12/86							
E E	566	COMPUT-COMM NETS II Computer-Communication Networks II	AUT/2014 - AUT/9999 3.0	.	.	.	.	.	.	.	.	.	.
COMMENT:14-16 PREQ CHG				LAST UPDT: 7/31/14		APPROVED: 6/12/86							
E E	567	MOBILE NETWORKS Mobile Networks	AUT/2017 - AUT/9999 4.0	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 6/08/17		APPROVED: 8/20/04							
E E	568	DIGITAL IMAGE PROC Digital Image Processing	WIN/2016 - AUT/9999 4.0	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:10/21/15		APPROVED: 9/01/87							
E E	570	MANIFOLDS AND GEOM Manifolds and Geometry for Systems and Control	AUT/2007 - AUT/9999 3.0	.	.	.	.	.	.	.	A A	570 A A	570 .
				LAST UPDT: 4/05/07		APPROVED: 2/21/07					M E	570	
E E	571	HIGH FREQ CIRCUITS High Frequency Circuits and Antennas: Computation of Fields and Waves	AUT/2014 - AUT/9999 4.0	.	.	.	.	.	.	.	.	.	.
COMMENT:14-16 PREQ CHG				LAST UPDT: 7/31/14		APPROVED: 5/01/90							
E E	572	EM I: MWAVE ENGR Electromagnetics I: Microwave Engineering	WIN/2016 - AUT/9999 4.0	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 8/19/15									
E E	573	ELECTROMAGNETICS II Electromagnetics II	WIN/2016 - AUT/9999 4.0	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 8/19/15									

DATE: 10-07-2019
TIME: 20:10:10

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 K
PAGE: 1,279

COLLEGE : J - Engineering
DEPARTMENT: ELECTRICAL ENGR

COURSE CURRIC NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER D -ALL U	D GRD E	S H F U N E	V L I	E E L E C Q T	W R	RESPONS COURSE	JOINT COURSES	O M I T
					MAX P	SYS D	HYPH M R E	P & N C M S N	A S W T P R G				
E E	574	ANTENNAS Antennas: Analysis and Design	SPR/2016 - AUT/9999	4.0	.	.	.	.	.	.			.
					LAST UPDT: 9/23/15		APPROVED: 9/15/15						
E E	575	RADAR REMOTE SENS Radar Remote Sensing	WIN/2016 - AUT/9999	4.0	.	.	.	.	.	.			.
					LAST UPDT: 8/19/15		APPROVED: 4/17/95						
E E	576	COMPUTER VISION Computer Vision	AUT/2014 - AUT/9999	3.0	.	.	.	.	.	.	CSE	576 CSE	576 .
					LAST UPDT: 3/23/16		APPROVED: 6/22/89						
COMMENT:14-16 PREQ CHG													
E E	577	COMPUTER VISION Special Topics in Computer Vision	AUT/2014 - AUT/9999	3.0	.	.	.	.	.	.	CSE	577 CSE	577 .
					LAST UPDT: 7/31/14		APPROVED: 4/28/03						
COMMENT:14-16 PREQ CHG													
E E	578	CONVEX OPTIMIZATION Convex Optimization	AUT/2017 - AUT/9999	4.0	.	.	.	.	.	.	E E	578 M E	578 .
					LAST UPDT: 5/31/18		APPROVED: 3/29/05						
											CSE	578	
											A A	578	
E E	579	TOPICS/EM,OPT,ACOUS Advanced Topics in Electromagnetics, Optics, and Acoustics	AUT/2014 - AUT/9999	1.0-05.0	16.0	.	.	.	.	.			.
					LAST UPDT: 7/31/14		APPROVED: 3/20/86						
COMMENT:14-16 PREQ CHG													
E E	580	GEOMETRIC METHODS Geometric Methods for Non-Linear Control Systems	SPR/2007 - AUT/9999	3.0	.	.	.	.	.	.	A A	580 M E	580 .
					LAST UPDT: 2/25/16		APPROVED: 2/21/07						
											A A	580	
E E	581	DIGITAL CONTROL SYS Digital Control System Design	WIN/2017 - AUT/9999	4.0	.	.	.	Y	.	.	M E	581 A A	581 .
					LAST UPDT: 6/13/16		APPROVED: 4/29/96						
					FEE TYPE:1		\$50.00 BUDGET:069397		REV OBJ CD:943081				
E E	582	DISCRETE EVENT SYS Introduction to Discrete Event Systems	AUT/2005 - AUT/9999	3.0	.	.	.	.	.	.	M E	582 A A	582 .
					LAST UPDT: 3/22/16		APPROVED: 4/29/96						
											M E	582	
COMMENT:CHG TITLES, DESCRIP, PREREQ													

DATE: 10-07-2019
TIME: 20:10:10

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 K
PAGE: 1,280

COLLEGE : J - Engineering
DEPARTMENT: ELECTRICAL ENGR

COURSE CURRIC NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER D -ALL U MAX P	D GRD SYS	D E HYPH	S H F U N E M R E	V L I P & N A S W	E E L E C Q T C M S N P R G	RESPONS COURSE	JOINT COURSES	O M I T	
E E	583	NONLINEAR CONTR SYS Nonlinear Control Systems	AUT/2005 - AUT/9999	3.0	.	.	.	.	.	.	E E	583 M E	583 .	
					LAST UPDT:10/18/06						A A 583			
COMMENT:CHANGED JOINT STATUS,DESCR,PRE														
E E	585	SYS ID & ADAPT CTRL System Identification and Adaptive Control	AUT/2012 - AUT/9999	3.0	.	.	.	.	.	.	E E	585 A A	585 .	
					LAST UPDT: 4/24/12 APPROVED: 3/29/05						M E 585			
COMMENT:EMAIL PREQ CHG														
E E	586	DIG VID COD SYS Digital Video Coding Systems	AUT/2014 - AUT/9999	4.0	.	.	.	.	.	.			.	
					LAST UPDT: 7/31/14 APPROVED: 9/28/98									
COMMENT:14-16 PREQ CHG														
E E	587	MULTIMEDIA COMP Multimedia Compression and Networking	AUT/2004 - AUT/9999	4.0	.	.	.	.	.	.			.	
					LAST UPDT: 1/24/06 APPROVED: 8/20/04									
E E	589	ADV TOPIC SENSORS Advanced Topics in Sensors and Sensor Systems	AUT/2014 - AUT/9999	3.0	.	.	.	.	.	.			.	
					LAST UPDT: 7/31/14 APPROVED: 2/21/95									
COMMENT:14-16 PREQ CHG														
E E	590	ADV TPCS DIGT CMPUT Advanced Topics in Digital Computers	AUT/2014 - AUT/9999	2.0-05.0	16.0 Y	.	.	.	.	.			.	
					LAST UPDT: 7/31/14									
COMMENT:14-16 PREQ CHG														
E E	591	ROBOT & CONTR COLL Robotics and Control Systems Colloquium	AUT/1996 - AUT/9999	1.0	30.0 Y	CR/NC	.	.	.	.	A A	591 A A	591 .	
					LAST UPDT: 5/16/13 APPROVED:10/27/93						CHEM E 591 M E 591			
COMMENT:5-2013 RETRO MAX														
E E	593	FEEDFORWARD CONTROL Feedforward Control	SPR/2006 - AUT/9999	3.0	.	.	.	.	.	.	M E	593 A A	593 .	
					LAST UPDT: 3/22/16 APPROVED: 4/25/05						M E 593			
E E	594	ROBUST CONTROL Robust Control	WIN/2010 - AUT/9999	3.0	.	.	.	.	.	.	A A	594 M E	594 .	
					LAST UPDT: 3/21/16 APPROVED: 3/29/05						A A 594			
COMMENT:CHG PREQ														

DATE: 10-07-2019
TIME: 20:10:10

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 K
PAGE: 1,281

COLLEGE : J - Engineering
DEPARTMENT: ELECTRICAL ENGR

COURSE CURRIC NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER D -ALL U MAX P	D GRD SYS	D E D HYPH	S H F U N E M R E	V L I P & N A S W	E E L C Q N C M S T P R G	W R N G	RESPONS COURSE	JOINT COURSES	O M I T
E E	595 ADV TPCS CMU THRY Advanced Topics in Communication Theory	AUT/2014 - AUT/9999	1.0-05.0	16.0 .	.	.	.	.	.	.	.	.	.	.
					LAST UPDT: 7/31/14									
					COMMENT:14-16 PREQ CHG									
E E	596 ADV TPCS S&I PROC Advanced Topics in Signal and Image Processing	AUT/2014 - AUT/9999	2.0-05.0	16.0 .	.	.	.	.	.	.	.	.	.	.
					LAST UPDT: 7/31/14 APPROVED: 6/23/98									
					COMMENT:14-16 PREQ CHG									
E E	597 NETWORKED DYN SYS Networked Dynamics Systems	AUT/2008 - AUT/9999	3.0	.	.	.	.	.	.	.	.	A A	597 M E	597 .
					LAST UPDT: 3/21/16 APPROVED: 2/19/08									
					A A 597									
E E	598 SPECIAL TOPICS EE Special topics in Electrical Engineering	WIN/2017 - AUT/9999	1.0-05.0	16.0 .	.	.	.	.	.	.	.	.	.	.
					LAST UPDT: 1/25/17 APPROVED:12/13/16									
E E	599 SPECIAL PROJECTS Special Projects in Electrical Engineering	SPR/2017 - AUT/9999	1.0-05.0	15.0 .	.	.	.	.	.	.	.	.	.	.
					LAST UPDT:12/16/16									
E E	600 INDEPN DNT STDY/RSCH Independent Study or Research	SUM/1969 - AUT/9999	0.0	999.0 .	.	11	.	.	.	.	.	.	.	.
					LAST UPDT: 4/19/10									
E E	700 MASTERS THESIS Master's Thesis	WIN/1968 - AUT/9999	0.0	999.0 .	.	11	.	.	.	.	.	.	.	.
					LAST UPDT: 4/19/10 APPROVED: 1/01/70									
E E	800 DOCTORAL DISSERTATN Doctoral Dissertation	AUT/1970 - AUT/9999	0.0	999.0 .	.	11	.	.	.	.	.	.	.	.
					LAST UPDT: 4/19/10 APPROVED: 1/01/70									

REPORT: SR21010-R-01 K
PAGE: 1,282

REPORT: SR21010-R-01 K
PAGE: 1,283

DEPARTMENT: ELECTRICAL ENGR

DEPARTMENT: ELECTRICAL ENGR										V L P A	E I & S W T	E E C M S P R G	R Q T N			O M I T
COURSE CURRIC	NUM	TITLE	EFFECTIVE QUARTERS	QUARTER CREDITS	OVER -ALL MAX	D U P	GRD SYS	D E HYPH	S H F U N E M R E					RESPONS COURSE	JOINT COURSES	
EE P	547	LINEAR SYSTEMS Linear Systems Theory	AUT/2018 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.
					LAST UPDT:		6/11/18		APPROVED:		6/05/18					
EE P	553	POWR SYS ECONOMICS Power Systems Economics	WIN/2019 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.
					LAST UPDT:		11/15/18		APPROVED:		11/13/18					
EE P	555	DATA SCIENCE PWR SYS Data Science for Power Systems	SPR/2019 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.
					LAST UPDT:		3/22/19		APPROVED:		3/19/19					
EE P	560	ADV MACHINES DRIVES Advanced Electric Machines and Drives	AUT/2018 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.
					LAST UPDT:		4/19/18		APPROVED:		6/03/14					
EE P	569	WIRELESS NTWRK 4G/5G Wireless Networks for 4G/5G	WIN/2019 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.
					LAST UPDT:		12/20/18		APPROVED:		12/18/18					
EE P	590	ADV TPCS DIGT CMPUT Advanced Topics in Digital Computers	SPR/2019 - AUT/9999	1.0-05.0	16.0	.	.	.	.	.	.	.	.	.	.	.
					LAST UPDT:		12/20/18		APPROVED:		12/18/18					
EE P	592	TPCS EM/OPT/ACOUS Advanced Topics in Electromagnetics, Optics, and Acoustics	WIN/2019 - AUT/9999	1.0-05.0	16.0	.	.	.	.	.	.	.	.	.	.	.
					LAST UPDT:		11/15/18		APPROVED:		11/13/18					
EE P	595	ADV TPCS CMU THRY Advanced Topics in Communication Theory	SPR/2019 - AUT/9999	1.0-05.0	16.0	.	.	.	.	.	.	.	.	.	.	.
					LAST UPDT:		12/20/18		APPROVED:		12/18/18					
EE P	596	TPCS SPCH/IMG PROC Advanced Topics in Signal and Image Processing	SPR/2019 - AUT/9999	1.0-05.0	16.0	.	.	.	.	.	.	.	.	.	.	.
					LAST UPDT:		12/20/18		APPROVED:		12/18/18					
EE P	598	ADV TOPICS EE Advanced Topics in Electrical Engineering	AUT/2018 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.
					LAST UPDT:		4/19/18		APPROVED:		4/17/18					
EE P	599	RESEARCH IN EE Research in Electrical Engineering	AUT/2018 - AUT/9999	1.0-04.0	8.0	.	.	.	.	.	.	.	.	.	.	.
					LAST UPDT:		4/27/18		APPROVED:		4/17/18					

REPORT: SR21010-R-01 K
PAGE: 1,284

DEPARTMENT: ENGINEERING						O M I T				
COURSE CURRIC NUM	TITLE	EFFECTIVE QUARTERS	QUARTER CREDITS	OVER D -ALL U MAX P	D GRD SYS	S H F U N E M R E	V L I P & A	E E C Q T L E C M S N S W T P R G	RESPONS COURSE	JOINT COURSES
ENGR 100	INTRO ENGR DESIGN Introduction to Engineering Design	SPR/2018 - AUT/9999	5.0	.	.	. . Y	. Y			
				LAST UPDT: 8/16/18 APPROVED: 5/24/93 FEE TYPE:1 \$30.00 BUDGET:069618 REV OBJ CD:943081						
ENGR 101	ENGR EXPLORATION Engineering Exploration	AUT/2014 - AUT/9999	1.0-02.0	3.0 .	.					
				LAST UPDT: 3/19/14 APPROVED: 3/18/14						
ENGR 102	STUDYING ENGR Studying Engineering	SUM/2018 - AUT/9999	1.0-03.0	6.0 .	CR/NC .					
				LAST UPDT: 3/07/18 APPROVED: 2/18/14 DROPPED: 2/18/14						
ENGR 105	INTRO ENGR DESIGN Introduction to Engineering Design	WIN/2019 - AUT/9999	3.0	.	.	. . Y				
				LAST UPDT:11/15/18 APPROVED:10/16/18 FEE TYPE:1 \$45.00 BUDGET:069618 REV OBJ CD:943081						
ENGR 115	ENGINEERING HEALTH Engineering Transformation of Health	WIN/2019 - AUT/9999	3.0	.	.					
				LAST UPDT:10/24/18 APPROVED:10/16/18						
ENGR 120	STARS MATH PROBSOLV STARS Mathematics Problem Solving	AUT/2017 - AUT/9999	4.0	.	.					
				LAST UPDT: 3/16/17 APPROVED:12/13/16						
ENGR 121	STARS CHEM PROBSOLV STARS Chemistry Problem Solving	AUT/2017 - AUT/9999	3.0	.	.		. . Y			
				LAST UPDT: 3/16/17 APPROVED:12/13/16						
ENGR 122	STARS PHYS PROBSOLV STARS Physics Problem Solving	AUT/2017 - AUT/9999	3.0	.	.					
				LAST UPDT: 3/16/17 APPROVED:12/13/16						
ENGR 197	ENGR PROBLEM SOLV Engineering Problem Solving	AUT/1990 - AUT/9999	1.0	12.0 Y	CR/NC .					
				LAST UPDT: 5/07/97 APPROVED: 9/14/89						
ENGR 199	SPECIAL PROJECTS Special Projects	SPR/1979 - AUT/9999	1.0-03.0	3.0 Y	.					
				LAST UPDT:10/18/06 APPROVED: 1/28/76						
COMMENT:CHG PREQ										

REPORT: SR21010-R-01 K
PAGE: 1,285

DEPARTMENT: ENGINEERING						O M I T				
COURSE CURRIC NUM	TITLE	EFFECTIVE QUARTERS	QUARTER CREDITS	OVER D -ALL U MAX P	D GRD SYS	S H F U N E M R E	V L I P & N C M S N A S W T P R G	R E C Q T N G	RESPONS COURSE	JOINT COURSES
ENGR 202	SPECIAL TOPICS Special Topics	SPR/2014 - AUT/9999	1.0-05.0	10.0 .	.					
				LAST UPDT: 3/19/14 APPROVED: 9/15/82						
				COMMENT:CHG CREDITS						
ENGR 231	INTRO TECH COMM Introduction to Technical Communication	SPR/2018 - AUT/9999	3.0	.	.					
				LAST UPDT:12/28/17 APPROVED: 3/15/16						
ENGR 296	ENGR STUDY ABROAD Engineering Study Abroad	WIN/2017 - AUT/9999	1.0-06.0	18.0 .	.					
				LAST UPDT:11/29/16 APPROVED:11/15/16						
ENGR 297	VERT INT PROJECTS Vertically Integrated Projects	AUT/2016 - SPR/2021	1.0-02.0	8.0 .	.	11 . . .				
				LAST UPDT: 5/11/17 APPROVED: 6/22/16						
ENGR 320	ENGR CO-OP EDUC Engineering Cooperative Education	SUM/2014 - AUT/9999	1.0-10.0	12.0 .	CR/NC Y	. . Y				
				LAST UPDT: 2/13/19 APPROVED: 6/03/14						
				COMMENT:CONVERSION OF TEMP FEE TYPE:2 \$395.00 BUDGET:069319 REV OBJ CD:943081						
ENGR 321	ENGR INTERN EDUC Engineering Internship Education	AUT/2019 - AUT/9999	1.0-02.0	16.0 Y	CR/NC .	12 . . Y				
				LAST UPDT: 6/24/19 APPROVED: 5/30/91						
				FEE TYPE:2 \$500.00 BUDGET:069319 REV OBJ CD:943081						
ENGR 322	ENGR CO-OP SEM Engineering Cooperative Education Postwork Seminar	AUT/1991 - AUT/9999	0.0	.	.	22 . . .				
				LAST UPDT:12/12/17 APPROVED: 5/26/77						
				COMMENT:CHG CREDITS						
ENGR 360	INTRO ACOUSTICS Introductory Acoustics	SPR/1974 - AUT/9999	3.0	.	.		. . Y			
				LAST UPDT:10/18/06 APPROVED:11/21/73						
ENGR 380	SUSTAINABLE DESIGN Design for Sustainability in the Developing World	AUT/2007 - AUT/9999	2.0	8.0 .	CR/NC .		. Y			
				LAST UPDT: 4/26/07 APPROVED: 4/25/07						
ENGR 401	PEERS: ENGR EQUITY Leadership Development to Promote Equity in Engineering Relationships	SPR/2018 - AUT/9999	3.0	.	CR/NC .		. Y			
				LAST UPDT: 1/26/18 APPROVED:12/19/17						

REPORT: SR21010-R-01 K
PAGE: 1,286

DEPARTMENT: ENGINEERING						O						
COURSE CURRIC NUM	TITLE	EFFECTIVE QUARTERS	QUARTER CREDITS	OVER D -ALL U MAX P	D GRD SYS	S H F U N E M R E	V L I P & N A S W T	E E C Q L E C M N C M P	R W T R G	RESPONS COURSE	JOINT COURSES	M I T
ENGR 496	ENGR STUDY ABROAD Engineering Study Abroad	WIN/2017 - AUT/9999	1.0-06.0	18.0 .	.	. . .						.
				LAST UPDT:		11/29/16		APPROVED:		11/15/16		
ENGR 497	VERT INT PROJECTS Vertically Integrated Projects	AUT/2016 - SPR/2021	1.0-02.0	10.0 .	.	11 . . .						.
				LAST UPDT:		5/11/17		APPROVED:		6/22/16		
ENGR 498	SPECIAL TOPICS Special Topics in Engineering	SPR/1980 - AUT/9999	1.0-05.0	6.0 Y	.	. . .						.
COMMENT:CHG CREDITS				LAST UPDT:		10/18/06		APPROVED:		9/30/73		
ENGR 499	SPECIAL PROJECTS Special Projects in Engineering	WIN/1974 - AUT/9999	1.0-03.0	6.0 Y	.	. . .						.
				LAST UPDT:		10/18/06		APPROVED:		8/30/73		
ENGR 598	SEMINAR SERIES ENGR Seminar Series in Engineering	WIN/1997 - AUT/9999	1.0	12.0 .	.	. . .						.
				LAST UPDT:		10/17/96		APPROVED:		10/24/96		
ENGR 601	INTERNSHIP Internship	AUT/2019 - AUT/9999	1.0-02.0	24.0 .	CR/NC .	11 . . Y						.
				LAST UPDT:		6/06/19		APPROVED:		9/17/13		
				FEE TYPE:2 \$545.00 BUDGET:069319 REV OBJ CD:943081								

REPORT: SR21010-R-01 K
PAGE: 1,287

DEPARTMENT: HUMAN CTR DESIGN & ENGR																			
COURSE		TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER D	D	S H F	V	E E W	RESPONS		JOINT		O				
CURRIC	NUM					MAX	P	GRD	E	U N E	L I	P & N C M S N	COURSE	COURSES		M			
HCDE	100	INTR HMN CTR DS&ENG Introduction to Human Centered Design and Engineering	AUT/2009 - AUT/9999	5.0		.	.	.	.	.	.	.	.	.	.				
COMMENT:WAS T C 100 1-2009, CHG TITLES						LAST UPDT: 6/15/09 APPROVED: 4/28/04													
HCDE	210	EXPLORATIONS IN HCD Explorations in Human Centered Design	AUT/2016 - AUT/9999	3.0		.	.	.	.	Y	.	.	.	.	.				
LAST UPDT: 5/02/17 APPROVED: 4/19/16																			
HCDE	231	INTRO COMM HCDE Introduction to Communication in HCDE	AUT/2016 - AUT/9999	3.0		.	.	.	.	.	.	.	.	Y	.				
LAST UPDT: 4/05/18 APPROVED: 3/15/99																			
HCDE	298	INTRO SPECIAL TOPICS Introductory Special Topics	WIN/2019 - AUT/9999	1.0-05.0	10.0	.	.	.	.	.	.	.	.	.	.				
LAST UPDT: 6/11/18 APPROVED: 6/05/18																			
HCDE	300	FOUNDATIONS OF HCDE Foundations of Human Centered Design and Engineering	WIN/2013 - AUT/9999	5.0		.	.	.	.	.	.	.	.	.	.				
COMMENT:EMAIL PREQ CHG						LAST UPDT: 5/29/12 APPROVED:12/01/89													
HCDE	301	ADV COMM HCDE Advanced Communication in HCDE	WIN/2019 - AUT/9999	5.0		.	.	.	.	.	.	.	.	.	.				
LAST UPDT: 4/19/18 APPROVED:12/01/89																			
HCDE	303	PROJ MGMT & CSCW Project Management and Computer Supported Collaboration and Work	AUT/2012 - AUT/9999	5.0		.	.	.	.	.	.	.	.	.	.				
COMMENT:WAS HCDE 403, CHG TTL,DESC,CRD						LAST UPDT: 1/11/12													
HCDE	308	VISUAL COMM HCDE Visual Communication in Human Centered Design and Engineering	AUT/2014 - AUT/9999	5.0		.	.	.	.	Y	.	.	.	.	.				
LAST UPDT: 6/04/14 APPROVED: 6/03/14																			
HCDE	310	INT SYS DES & TECH Interactive Systems Design and Technology	AUT/2016 - AUT/9999	5.0		.	.	.	.	.	.	.	.	.	.				
LAST UPDT: 5/09/16																			
HCDE	313	INTRO USER RSRCH Introduction to User Research	AUT/2012 - AUT/9999	5.0		.	.	.	.	.	.	.	.	.	.				
LAST UPDT:12/21/11 APPROVED:12/20/11																			

REPORT: SR21010-R-01 K
PAGE: 1,288

REPORT: SR21010-R-01 K
PAGE: 1,289

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

COLLEGE : J - Engineering
DEPARTMENT: HUMAN CTR DESIGN & ENGR

DEPARTMENT: HUMAN CTR DESIGN & ENGR																				O M I T
COURSE CURRIC NUM		TITLE	EFFECTIVE QUARTERS	QUARTER CREDITS	OVER -ALL MAX	D U P	GRD SYS	D E HYPH	S H F U N E M R E	V L I P A	E L N C W T P R G	Q T P R G	RESPONS COURSE	JOINT COURSES						
HCDE	435	INTRO CONTENT MGMT Introduction to Content Management	AUT/2009 - AUT/9999	3.0		.		.		.	.	.			.					
COMMENT:WAS T C 435 1-09, CHG DESC					LAST UPDT: 6/15/09		APPROVED:12/21/01													
HCDE	437	WEB DESIGN AND PUB Web Design and Web Publishing	AUT/2015 - AUT/9999	5.0		.		.		.	.	Y Y			.					
COMMENT:EMAIL PREQ CHG					LAST UPDT: 3/16/15		APPROVED:12/31/96													
HCDE	438	WEB TECHNOLOGIES Web Technologies	SUM/2019 - AUT/9999	5.0		.		.		.	.	.			.					
					LAST UPDT: 4/23/19		APPROVED:12/21/01													
HCDE	439	PHYSICAL COMPUTING Physical Computing	AUT/2015 - AUT/9999	5.0		.		.		.	.	.			.					
					LAST UPDT: 3/11/16		APPROVED: 2/16/16													
HCDE	440	ADV PHYS COMPUTING Advanced Physical Computing	SPR/2019 - AUT/9999	5.0	10.0	.		.		.	.	.			.					
					LAST UPDT: 6/11/18		APPROVED: 6/05/18													
HCDE	451	UX PROTOTYPING User Experience Prototyping Techniques	WIN/2016 - AUT/9999	5.0		.		.		.	.	.			.					
					LAST UPDT:12/22/15		APPROVED:12/15/15													
HCDE	455	USER INTERFACE DES User Interface Design	AUT/2009 - AUT/9999	4.0		.		.		.	.	.	IND E 455	IND E 455	.					
COMMENT:WAS T C 455					LAST UPDT: 1/27/09		APPROVED: 5/01/90													
HCDE	461	TECH/BUSI JPN I Japanese for Technical and Business Professions I	AUT/2009 - AUT/9999	5.0		.		.		.	.	Y			.					
COMMENT:WAS T C 461					LAST UPDT: 1/27/09		APPROVED: 2/24/06													
HCDE	462	TECH/BUSI JPN II Japanese for Technical and Business Professions II	AUT/2009 - AUT/9999	5.0		.		.		.	.	Y			.					
COMMENT:WAS T C 462					LAST UPDT: 1/27/09		APPROVED: 2/24/06													
HCDE	463	TECH/BUSI JPN III Japanese for Technical and Business Professions III	AUT/2009 - AUT/9999	5.0		.		.		.	.	Y			.					
COMMENT:WAS T C 463					LAST UPDT: 1/27/09		APPROVED: 2/24/06													

DATE: 10-07-2019
TIME: 20:10:10

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 K
PAGE: 1,291

COLLEGE : J - Engineering
DEPARTMENT: HUMAN CTR DESIGN & ENGR

COURSE CURRIC NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER D -ALL U	GRD SYS	D E	S H F U N E	V L I	E E P & N C M S N	W R Q T P R G	RESPONS COURSE	JOINT COURSES	O M I T
HCDE 492	CAPSTONE PLANNING Capstone Planning	WIN/2018 -	AUT/9999	2.0	.	.	.	.	.	.	.	.	.	.
LAST UPDT: 1/25/18 APPROVED: 3/18/14														
HCDE 493	SENIOR CAPSTONE Senior Capstone	WIN/2017 -	AUT/9999	5.0	.	.	.	Y	.	.	.	.	.	.
LAST UPDT: 5/24/16 APPROVED: 6/30/95 FEE TYPE:1 \$50.00 BUDGET:069657 REV OBJ CD:943081														
HCDE 495	INTERNSHIP Internship	SPR/2018 -	AUT/9999	3.0-10.0	10.0 Y	CR/NC	.	.	.	.	.	.	.	.
LAST UPDT:12/21/17 APPROVED:12/01/89														
HCDE 496	RESEARCH IN HCDE Directed Research in Human Centered Design and Engineering	AUT/2009 -	AUT/9999	1.0-05.0	10.0	.	CR/NC	.	.	.	.	.	.	.
LAST UPDT: 6/15/09 APPROVED:11/26/01 COMMENT:WAS T C 496 1-09, CHG TITLES														
HCDE 497	STUDY ABROAD: HCDE Study Abroad: Human Centered Design and Engineering	AUT/2009 -	AUT/9999	3.0-05.0	15.0 Y	CR/NC	.	.	.	.	.	.	.	.
LAST UPDT: 6/15/09 APPROVED: 1/03/01 COMMENT:WAS T C 497 1-09, CHG TTL,DESC														
HCDE 498	ADV SPECIAL TOPICS Advanced Special Topics	WIN/2019 -	AUT/9999	1.0-05.0	10.0 Y	.	.	Y	.	.	.	.	.	.
LAST UPDT: 9/20/18 APPROVED:12/01/89 FEE TYPE:1 \$50.00 BUDGET:069657 REV OBJ CD:943081														
HCDE 499	SPECIAL PROJECTS Special Projects	AUT/2009 -	AUT/9999	1.0-05.0	10.0 Y	.	.	.	.	.	.	.	.	.
LAST UPDT: 6/15/09 APPROVED:12/01/89 COMMENT:WAS T C 499 1-09, CHG DESC														
HCDE 501	THEORETICAL FNDTNS Theoretical Foundations of Human Centered Design and Engineering	AUT/2009 -	AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.
LAST UPDT: 6/15/09 APPROVED:12/01/89 COMMENT:WAS T C 501 1-09, CHG TTL,DESC														
HCDE 502	EMPIRICAL TRADITIONS Empirical Traditions in Human Centered Design and Engineering	AUT/2009 -	AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.
LAST UPDT: 6/15/09 APPROVED: 5/24/93 COMMENT:WAS T C 502 1-09, CHG TTL,DESC														

DATE: 10-07-2019
TIME: 20:10:10

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 K
PAGE: 1,292

COLLEGE : J - Engineering
DEPARTMENT: HUMAN CTR DESIGN & ENGR

COURSE CURRIC NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER D -ALL U MAX P	D GRD SYS	D E HYPH	S H F U N E M R E	V L I P & N A S W	E E L C M S T P	W R Q T N G	RESPONS COURSE	JOINT COURSES	O M I T
HCDE 503	NAVIG DESIGN ORG Navigating Design in Organizations	AUT/2014 -	AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.
COMMENT:CHG TITLES					LAST UPDT: 1/22/15 APPROVED: 3/18/14									
HCDE 505	COMP-ASST COMMUN Computer-Assisted Communication	AUT/2009 -	AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.
COMMENT:WAS T C 505					LAST UPDT: 1/27/09 APPROVED:12/01/89									
HCDE 508	VISUAL COMM Visual Communication	AUT/2014 -	AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.
COMMENT:CHG TITLES, DESC					LAST UPDT: 1/23/15 APPROVED: 9/17/13									
HCDE 509	SCIENTIFIC ARTICLE Writing the Scientific Article	AUT/2009 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.
COMMENT:WAS T C 509					LAST UPDT: 1/27/09 APPROVED:11/21/94									
HCDE 510	INFORMATION DESIGN Information Design	AUT/2009 -	AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.
COMMENT:WAS T C 510					LAST UPDT: 1/27/09 APPROVED:12/01/89									
HCDE 511	INFO VISUALIZATION Information Visualization	AUT/2012 -	AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.
COMMENT:CHG TITLES, DESC					LAST UPDT: 3/19/12 APPROVED: 5/21/01									
HCDE 512	INTL USER EXP & COM International User Experience and Communication	SPR/2010 -	AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.
COMMENT:CHG TITLES, DESC					LAST UPDT: 3/19/10 APPROVED: 6/23/98									
HCDE 513	GLOB & LOC MGMT Globalization and Localization Management	AUT/2011 -	AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.
COMMENT:CHG TITLES, DESC					LAST UPDT: 4/18/11 APPROVED: 3/16/10									
HCDE 514	STRT INTL PROD MGMT Strategies for International Product Management	WIN/2012 -	AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.
COMMENT:CHG TTL,DSC,CRDT,HRS					LAST UPDT: 4/18/11 APPROVED: 3/16/10									

DATE: 10-07-2019
TIME: 20:10:10

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 K
PAGE: 1,293

COLLEGE : J - Engineering
DEPARTMENT: HUMAN CTR DESIGN & ENGR

COURSE CURRIC NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER D -ALL U MAX P	GRD SYS	D E D HYPH	S H F U N E M R E	V L I P & N A S W	E E L C N C M S	W R Q T P R G	RESPONS COURSE	JOINT COURSES	O M I T
HCDE 516	EXPRMNTL RSCH MTHDS Experimental Research Methods	AUT/2009 - AUT/9999	4.0		.	.	.	.	.	.	.			.
					LAST UPDT: 6/15/09									
					COMMENT:WAS T C 516- 1-09, CHG TTL,DES									
HCDE 517	USABILITY STUDIES Usability Studies	SUM/2019 - AUT/9999	4.0		.	.	.	Y	.	.	.			.
					LAST UPDT: 1/10/19 APPROVED:12/01/89									
					FEE TYPE:1 \$50.00 BUDGET:069657 REV OBJ CD:943081									
HCDE 518	USER-CENTERED DESIGN User-Centered Design	AUT/2009 - AUT/9999	4.0		.	.	.	.	.	.	.	HCDE 518	IND E 545	.
					LAST UPDT: 1/27/09 APPROVED:11/25/03									
					COMMENT:WAS T C 518									
HCDE 519	QUAL RES METHODS Qualitative Research Methods	AUT/2014 - AUT/9999	4.0		.	.	.	.	.	.	.			.
					LAST UPDT: 3/19/14 APPROVED: 3/16/10									
					COMMENT:CHG DESC, CREDITS									
HCDE 520	DES & MGT COMP SYS Design and Management of Complex Systems	AUT/2016 - AUT/9999	4.0		.	.	.	.	.	.	.			.
					LAST UPDT:12/16/16 APPROVED: 5/31/90									
HCDE 521	SEMINAR ISSUES HCDE Seminar: Current Issues in Human Centered Design and Engineering	AUT/2009 - AUT/9999	1.0-02.0	3.0 Y CR/NC	.	.	.	.	.	.	.			.
					LAST UPDT: 6/15/09 APPROVED:12/01/89									
					COMMENT:WAS T C 521 1-09, CHG TTL,DESC									
HCDE 523	DUB SEMINAR Design Use Build (DUB) Seminar	AUT/2014 - AUT/9999	1.0	3.0 . CR/NC	.	.	.	.	.	.	.			.
					LAST UPDT: 6/04/14 APPROVED: 7/13/05									
					COMMENT:CHG TTLS, PREQ, DESC									
HCDE 524	PROG CONCEPTS Programming Concepts in HCDE	AUT/2019 - AUT/9999	2.0	.	.	.	.	.	.	.	.			.
					LAST UPDT: 1/24/19 APPROVED:10/16/18									
HCDE 526	VIDEO PROTOTYPING Video Prototyping	WIN/2019 - AUT/9999	2.0	.	.	.	.	.	.	.	.			.
					LAST UPDT: 9/25/18 APPROVED: 9/18/18									

REPORT: SR21010-R-01 K
PAGE: 1,294

DATE: 10-07-2019
TIME: 20:10:10

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 K
PAGE: 1,295

COLLEGE : J - Engineering
DEPARTMENT: HUMAN CTR DESIGN & ENGR

COURSE CURRIC NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER D -ALL U MAX P	GRD SYS	D E D HYPH	S H F U N E M R E	V L I P & N A S W	E E L C M T P R	W R Q T S N G	RESPONS COURSE	JOINT COURSES	O M I T
HCDE 544	RESEARCH METHODS I Research Methods I	AUT/2012 -	AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.
LAST UPDT: 2/29/12 APPROVED: 2/28/12														
HCDE 545	RESEARCH METHODS II Research Methods II	AUT/2012 -	AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.
LAST UPDT: 2/29/12 APPROVED: 2/28/12														
HCDE 546	DESIGN THINKING Design Thinking	AUT/2012 -	AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.
LAST UPDT: 2/29/12 APPROVED: 2/28/12														
HCDE 547	ACAD RES SEMINAR Academic Research Seminar	AUT/2019 -	AUT/9999	1.0	10.0	.	CR/NC	.	.	.	.	.	.	.
LAST UPDT: 6/06/19 APPROVED: 2/28/12														
HCDE 548	ADV TOPICS HCDE Advanced Topics in Human Centered Design and Engineering	AUT/2012 -	AUT/9999	4.0	20.0	.	.	.	.	.	.	.	.	.
LAST UPDT: 2/29/12 APPROVED: 2/28/12														
HCDE 592	CAPSTONE PLANNING Capstone Planning	SUM/2019 -	AUT/9999	1.0	.	.	.	.	.	.	.	.	.	.
LAST UPDT: 1/10/19 APPROVED: 3/18/14														
HCDE 593	CAPSTONE Capstone	SUM/2019 -	AUT/9999	4.0	.	.	.	.	Y	.	.	.	.	.
LAST UPDT: 1/10/19 APPROVED: 8/21/12														
FEE TYPE:1 \$50.00 BUDGET:069657 REV OBJ CD:943081														
HCDE 596	RESEARCH IN HCDE Directed Research in Human Centered Design and Engineering	AUT/2009 -	AUT/9999	1.0-05.0	18.0	.	CR/NC	.	.	.	.	.	.	.
LAST UPDT: 6/15/09 APPROVED:11/26/01														
COMMENT:WAS T C 596 1-09, CHG TTL,DESC														
HCDE 597	TEACHING TECH COMM Approaches to Teaching Technical Communication	AUT/2009 -	AUT/9999	1.0-02.0	2.0	.	CR/NC	.	.	.	.	.	.	.
LAST UPDT: 6/15/09 APPROVED: 1/29/98														
COMMENT:WAS T C 597 1-09, CHG DESC														
HCDE 598	SPECIAL TOPICS Special Topics	SPR/2018 -	AUT/9999	1.0-05.0	15.0	Y	.	.	Y	.	.	.	.	.
LAST UPDT:10/23/18 APPROVED: 4/01/86														
FEE TYPE:1 \$50.00 BUDGET:069657 REV OBJ CD:943081														

DATE: 10-07-2019
TIME: 20:10:10

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 K
PAGE: 1,296

COLLEGE : J - Engineering
DEPARTMENT: HUMAN CTR DESIGN & ENGR

COURSE CURRIC NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER D -ALL U MAX P	GRD SYS	D E D HYPH	S H F U N E M R E	V L I P & N A S W	E E L C M S T P	W R Q T N G	RESPONS COURSE	JOINT COURSES	O M I T
HCDE 599	SPECIAL PROJECTS Special Projects	AUT/2009 - AUT/9999	1.0-05.0	5.0 Y	.	.	.	.	.	.	.	.	.	.
					LAST UPDT: 1/27/09									
					COMMENT:WAS T C 599									
HCDE 600	IND STUDY/RESEARCH Independent Study or Research	AUT/2009 - AUT/9999	0.0	999.0	.	.	11	.	.	.	.	.	.	.
					LAST UPDT: 7/23/15 APPROVED:12/01/89									
					COMMENT:WAS T C 600									
HCDE 601	INTERNSHIP Internship	AUT/2009 - AUT/9999	2.0-10.0	10.0 Y	.	.	.	.	.	.	.	.	.	.
					LAST UPDT: 1/27/09 APPROVED:12/01/89									
					COMMENT:WAS T C 601									
HCDE 700	MASTER'S THESIS Master's Thesis	AUT/2009 - AUT/9999	0.0	999.0	.	.	11	.	.	.	.	.	.	.
					LAST UPDT: 4/19/10 APPROVED:12/01/89									
					COMMENT:WAS T C 700									
HCDE 800	DOCTORAL DISSERTATN Doctoral Dissertation	AUT/2009 - AUT/9999	1.0-10.0	999.0	.	CR/NC	.	11	.	.	.	.	.	.
					LAST UPDT: 4/19/10 APPROVED:11/25/03									
					COMMENT:WAS T C 800									

DATE: 10-07-2019
TIME: 20:10:10

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 K
PAGE: 1,297

COLLEGE : J - Engineering
DEPARTMENT: INDUSTRIAL & SYSTEMS ENGR

COURSE CURRIC NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER D -ALL U MAX P	D GRD SYS	D E HYPH	S H F U N E M R E	V L I P & N A S W	E E L C M S T P	W R Q T N G	RESPONS COURSE	JOINT COURSES	O M I T
IND E 101	INTRODUCTION TO IE Introduction to Industrial Engineering	SPR/2002 - AUT/9999		1.0	.	.	.	.	.	Y	.	.	.	.
					LAST UPDT: 1/29/02		APPROVED: 1/28/02							
IND E 250	ENGR ECON Fundamentals of Engineering Economy	AUT/1999 - AUT/9999		4.0	.	.	.	.	.	Y	.	.	.	.
					LAST UPDT:10/18/06		APPROVED: 3/15/99							
					COMMENT:WAS ENGR 250									
IND E 295	PRODUCT DISSECTION PRODUCT DISSECTION	SPR/1996 - AUT/9999		3.0	.	.	.	.	.	.	.	M E	295 M E	295 .
					LAST UPDT: 2/11/08		APPROVED:12/27/95							
IND E 315	PROB & STAT FOR ENG Probability and Statistics for Engineers	SPR/2010 - AUT/9999		3.0	.	.	.	.	.	Y	.	.	.	.
					LAST UPDT: 3/04/16		APPROVED: 3/15/99							
					COMMENT:EMAIL PREQ CHG									
IND E 316	DES EXPR REGR ANLYS Design of Experiments and Regression Analysis	WIN/2008 - AUT/2019		4.0	.	.	.	.	.	Y	.	IND E 316 STAT	316	.
					LAST UPDT: 6/06/19		APPROVED: 1/29/87							
					COMMENT:ADD MISSING PREQ									
IND E 316	DESIGN EXPRMNTS Design of Experiments	WIN/2020 - AUT/9999		4.0	.	.	.	.	.	Y	.	IND E 316 STAT	316	.
					LAST UPDT: 6/06/19		APPROVED: 1/29/87							
IND E 321	STAT QUAL CONTROL Statistical Quality Control	WIN/2005 - AUT/9999		4.0	.	.	.	.	.	.	.	.	.	.
					LAST UPDT: 3/04/16		APPROVED:12/18/86							
					COMMENT:WAS IND E 421;CHG CREDITS									
IND E 337	INTRO MANU SYSTEMS Introduction to Manufacturing Systems	WIN/2005 - AUT/9999		4.0	.	.	.	.	Y	.	.	.	.	.
					LAST UPDT: 1/24/17		APPROVED:12/18/86							
					COMMENT:WAS IND E 237; CHG CREDITS									
					FEE TYPE:1 \$100.00 BUDGET:068557 REV OBJ CD:943081									
IND E 351	HUMAN FACTORS Human Factors in Design	WIN/2005 - AUT/9999		4.0	.	.	.	.	.	.	.	.	.	.
					LAST UPDT: 8/26/04		APPROVED:12/18/86							
					COMMENT:CHG CREDITS, CONTACT HRS									

DATE: 10-07-2019
TIME: 20:10:10

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 K
PAGE: 1,298

COLLEGE : J - Engineering
DEPARTMENT: INDUSTRIAL & SYSTEMS ENGR

COURSE CURRIC NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER D -ALL U MAX P	D GRD SYS	D E HYPH	S H F U N E M R E	V L I P & N A S W	E E L C Q M S N	W R T P R G	RESPONS COURSE	JOINT COURSES	O M I T
IND E 410	LINEAR & NETWORK PR Linear and Network Programming	SPR/2007 -	AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.
COMMENT:WAS IND E 310					LAST UPDT: 9/28/09 APPROVED:12/18/86									
IND E 411	STCH MODL & DEC ANL Stochastic Models and Decision Analysis	SPR/2007 -	AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.
COMMENT:WAS IND E 311					LAST UPDT: 3/04/16 APPROVED:12/18/86									
IND E 412	INTEGER & DYNAMIC PR Integer and Dynamic Programming	SPR/2007 -	AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.
COMMENT:WAS IND E 312					LAST UPDT: 9/28/09 APPROVED:12/18/86									
IND E 424	SIMULATION Simulation	WIN/2005 -	AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.
COMMENT:EMAIL PREREQ CHANGE					LAST UPDT: 3/04/16 APPROVED:12/18/86									
IND E 426	REL ENG & SYS SAFE Reliability Engineering and System Safety	WIN/2005 -	AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.
COMMENT:CHG CREDITS, CONTACT HRS.					LAST UPDT: 3/04/16 APPROVED: 1/24/96									
IND E 430	MANU SCHED AND INV Manufacturing Scheduling and Inventory	WIN/2008 -	AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.
COMMENT:EMAIL PREQ CHG					LAST UPDT: 3/04/16 APPROVED: 9/18/91									
IND E 439	LAYOUT & MATL HAND Plant Layout and Material Handling	WIN/2008 -	AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.
COMMENT:EMAIL PREQ CHG					LAST UPDT: 3/04/16 APPROVED: 1/24/96									
IND E 455	USER INTERFACE DES User Interface Design	AUT/2009 -	AUT/9999	4.0	.	.	.	.	.	.	.	IND E 455	HCDE 455	.
COMMENT:CHG JT PREFIX					LAST UPDT: 1/27/09 APPROVED: 5/01/90									
IND E 470	SYSTEMS ENGINEERING Systems Engineering	AUT/2007 -	AUT/9999	4.0	.	.	.	.	.	.	.	IND E 470	A A 470	.
COMMENT:WAS INDE280, CHG TLS, PRQ,DESC					LAST UPDT: 6/26/07 APPROVED: 6/01/99									

DATE: 10-07-2019
TIME: 20:10:10

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 K
PAGE: 1,299

COLLEGE : J - Engineering
DEPARTMENT: INDUSTRIAL & SYSTEMS ENGR

COURSE CURRIC NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER D -ALL U MAX P	D GRD SYS	D E HYPH	S H F U N E M R E	V L I P & N A S W	E E L C M T P R	W R G	RESPONS COURSE	JOINT COURSES	O M I T
IND E 491	PROFESSIONAL SEMINAR Professional Practice Seminar	SPR/2020	- AUT/9999	1.0	.	CR/NC	.	.	.	.	.	.	.	.
					LAST UPDT: 6/24/19		APPROVED: 6/04/19							
IND E 494	DES IN MANUF FIRM Design in the Manufacturing Firm	WIN/2013	- AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.
					LAST UPDT:11/05/12		APPROVED: 5/31/90							
					COMMENT:EMAIL PREQ CHG									
IND E 495	I E DESIGN Industrial Engineering Design	WIN/2005	- AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.
					LAST UPDT:10/18/06		APPROVED:12/18/86							
					COMMENT:CHG CREDITS, CONTACT HRS									
IND E 496	TECH-BASED ENTREPRE Technology-Based Entrepreneurship	SPR/2013	- AUT/9999	3.0	.	.	.	.	.	.	.	IND E 496 M E	496	.
					LAST UPDT: 2/14/13		APPROVED: 1/24/96							
					COMMENT:EMAIL PREQ CHG									
IND E 498	SPECIAL TOPICS I E Special Topics in Industrial Engineering	SUM/2011	- AUT/9999	1.0-05.0	9.0	.	.	.	.	.	.	.	.	.
					LAST UPDT:11/15/10		APPROVED:12/18/86							
					COMMENT:EMAIL PREQ CHG									
IND E 499	SPECIAL PROJECTS IE Special Projects	AUT/2010	- AUT/9999	2.0-05.0	12.0	Y	.	.	.	.	.	.	.	.
					LAST UPDT: 5/17/10		APPROVED:12/18/86							
					COMMENT:CHG MAX CREDITS									
IND E 508	STOC PROC IN ENGR Stochastic Processes in Engineering	WIN/2009	- AUT/9999	3.0	.	.	.	.	.	.	.	E E 508 E E	508	.
					LAST UPDT: 3/04/16		APPROVED: 7/16/70							
					COMMENT:ADD JT TO EXISTING E E 508									
IND E 512	OPTIMIZATION MODELS Introduction to Optimization Models	AUT/2016	- AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.
					LAST UPDT:12/19/12		APPROVED:12/18/12							
					COMMENT:END INITIAL DL									
IND E 513	LINEAR OPT ENG MODL Linear Optimization Models in Engineering	AUT/1999	- AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.
					LAST UPDT: 3/04/16		APPROVED: 6/28/93							
					COMMENT:CONV TEMP TO PERM									

REPORT: SR21010-R-01 K
PAGE: 1,300

REPORT: SR21010-R-01 K
PAGE: 1,301

DEPARTMENT: INDUSTRIAL & SYSTEMS ENGR														RESPONS COURSE		JOINT COURSES		
COURSE CURRIC NUM	TITLE	EFFECTIVE QUARTERS	QUARTER CREDITS	OVER D -ALL MAX	D U P	GRD SYS	D E HYPH	S H F U N E M R E	V L I P A S	E E L N C M S T P R G	W R Q T N					O M I T		
IND E 537	INTRO MANUF SYSTEMS Introduction to Manufacturing Systems	AUT/2003 - AUT/9999	3.0	.	.	.	.	.	.	.	.	IND E 537 ENV H 537	.					
				LAST UPDT:		3/04/05		APPROVED:		3/31/03								
IND E 541	HUMAN FACTORS ENGR HUMAN FACTORS ENGINEERING	AUT/1999 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.					
				LAST UPDT:		4/28/99		APPROVED:		6/28/93								
COMMENT:CONV OF TEMP TO PERM																		
IND E 543	VIRTUAL INTRFC TECH Virtual Interface Technology	AUT/2016 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.					
				LAST UPDT:		3/22/16		APPROVED:		6/28/93								
IND E 544	VIRTUAL WORLD DEVL P Virtual World Development	AUT/1999 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.					
				LAST UPDT:		10/09/18		APPROVED:		6/28/93								
COMMENT:CONV OF TEMP TO PERM																		
IND E 545	USER-CENTERED DESIGN User-Centered Design	AUT/2009 - AUT/9999	4.0	.	.	.	.	.	.	.	.	HCDE 518 HCDE 518	.					
				LAST UPDT:		1/27/09		APPROVED:		11/25/03								
COMMENT:CHG JT STATUS																		
IND E 546	INFERENTL DATA ANSYS Inferential Data Analysis for Engineers	AUT/2019 - AUT/9999	3.0	.	.	.	.	.	.	.	.	CET 521 CET 521	.					
				LAST UPDT:		3/22/19		APPROVED:		1/28/00								
IND E 549	HUMAN FACTORS Human Factors in Engineering Design	SPR/2009 - WIN/2020	3.0	.	.	.	.	.	.	.	.	IND E 549 ENV H 549	.					
				LAST UPDT:		6/06/19		APPROVED:		1/20/09								
COMMENT:TEMPORARY																		
IND E 549	RSRCH METH HUMN FACT Research Methods in Human Factors	SPR/2020 - AUT/9999	3.0	.	.	.	.	.	.	.	.	IND E 549 ENV H 549	.					
				LAST UPDT:		6/06/19		APPROVED:		1/20/09								
IND E 555	HEALTH SYSTEMS ENGR HEALTH SYSTEMS ENGINEERING	AUT/1999 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.					
				LAST UPDT:		4/28/99		APPROVED:		6/28/93								
COMMENT:CONV OF TEMP TO PERM																		
IND E 564	HLTH & SAF PROB-IND Recognition of Health and Safety Problems in Industry	SPR/2008 - AUT/9999	2.0	.	.	.	.	.	.	.	.	ENV H 564 ENV H 564	.					
				LAST UPDT:		11/21/07		APPROVED:		2/26/03								
COMMENT:CHG CREDITS																		

REPORT: SR21010-R-01 K
PAGE: 1,302

DEPARTMENT: INDUSTRIAL & SYSTEMS ENGR																
COURSE CURRIC NUM	TITLE	EFFECTIVE QUARTERS	QUARTER CREDITS	OVER D -ALL U MAX P	D GRD SYS	S H F U N E M R E	V L I P & N A S W	L E C N C M T P R	Q T S N G	W R N G	RESPONS COURSE	JOINT COURSES	O M I T			
IND E 566	INTRO TO ERGON Introduction to Ergonomics	WIN/2006 - AUT/9999	3.0	.	.	. . .					ENV H 566 NSG	508	.			
COMMENT: ADD JOINT STATUS				LAST UPDT: 3/22/16 APPROVED:11/19/81							ENV H 566					
IND E 567	APPLIED OCC HEALTH Applied Occupational Health and Safety	SPR/2006 - AUT/9999	3.0	.	.	. . .					ENV H 559 ENV H 559		.			
				LAST UPDT: 1/26/06 APPROVED: 2/26/03							NSG 505					
IND E 569	OCCUP BIOMECHANICS Occupational Biomechanics	AUT/1999 - AUT/9999	4.0	.	.	. . .					ENV H 569 ENV H 569		.			
COMMENT:CONV OF TEMP TO PERM				LAST UPDT: 3/23/16 APPROVED:10/22/87												
IND E 570	SUPPLY CHAIN SYST Supply Chain Systems	AUT/2000 - AUT/9999	3.0	.	.	. . .							.			
				LAST UPDT: 6/02/00 APPROVED: 5/31/00												
IND E 581	NAVIGATING BUSINESS Navigating the Business Environment	AUT/2010 - AUT/9999	3.0	.	.	. . .							.			
				LAST UPDT: 6/22/10 APPROVED: 6/15/10												
IND E 582	TECH LEADERSHIP Technical Leadership	WIN/2011 - AUT/9999	3.0	.	.	. . .							.			
				LAST UPDT: 6/22/10 APPROVED: 6/15/10												
IND E 583	DECISION ANALYSIS Decision Analysis in Engineering	AUT/2016 - AUT/9999	3.0	.	.	. . .							.			
COMMENT:END INITIAL DL				LAST UPDT:12/19/12 APPROVED:12/18/12												
IND E 584	PROJECT PERFORMANCE Project Performance	WIN/2017 - AUT/9999	3.0	.	.	. . .							.			
COMMENT:END INITIAL DL				LAST UPDT:12/19/12 APPROVED:12/18/12												
IND E 585	SYSTEMS ARCH & MBSE Systems Architecture and Model-Based Systems Engineering	SPR/2019 - AUT/9999	3.0	.	.	. . .							.			
				LAST UPDT:12/20/15 APPROVED:12/15/15												
IND E 586	ENGR RISK MGMT Systems Engineering Risk: Assessment and Management	SUM/2019 - AUT/9999	3.0	.	.	. . .							.			
				LAST UPDT: 7/26/18												

DATE: 10-07-2019
TIME: 20:10:10

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 K
PAGE: 1,303

COLLEGE : J - Engineering
DEPARTMENT: INDUSTRIAL & SYSTEMS ENGR

COURSE CURRIC NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER D -ALL U MAX P	D GRD SYS	D E HYPH	S H F U N E M R E	V L I P & N A S W	E E L C M T P R	W R G	RESPONS COURSE	JOINT COURSES	O M I T
IND E 591	SEMINAR Seminar	AUT/2002 -	AUT/9999	1.0	.	CR/NC	.	13	.	.	.	.	.	.
					LAST UPDT: 5/09/02 APPROVED: 6/28/93									
					COMMENT:CHG CREDITS, DESCRIPT.									
IND E 592	SEMINAR Seminar	AUT/2002 -	AUT/9999	1.0	.	CR/NC	.	23	.	.	.	.	.	.
					LAST UPDT: 5/09/02 APPROVED: 6/28/93									
					COMMENT:CHG CREDITS, DESCRIPT									
IND E 593	SEMINAR Seminar	AUT/2002 -	AUT/9999	1.0	.	CR/NC	.	33	.	.	.	.	.	.
					LAST UPDT:12/27/01 APPROVED: 6/28/93									
					COMMENT:CHG DESCRIPTION									
IND E 594	MGMT OF ENGR MANAGEMENT OF ENGINEERING DESIGN	AUT/1999 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.
					LAST UPDT: 4/28/99 APPROVED: 2/23/96									
					COMMENT:CONV OF TEMP TO PERM									
IND E 595	GLBL INT SYS ENGR Global Integrated Systems Engineering	AUT/2016 -	AUT/9999	4.0-05.0	9.0	.	.	11	.	.	.	.	IND E 595 A A	595
					LAST UPDT: 6/13/16 APPROVED: 6/17/08									
IND E 596	GISE PROJECT Global Integrated Systems Engineering Project	SPR/2011 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	IND E 596 A A	596
					LAST UPDT: 8/27/10 APPROVED: 8/24/10									
IND E 599	SPECIAL TOPICS IE Special Topics in Industrial Engineering	AUT/1999 -	AUT/9999	1.0-05.0	9.0	Y	.	.	.	.	.	.	.	.
					LAST UPDT: 4/20/06 APPROVED: 6/28/93									
					COMMENT:CONV OF TEMP TO PERM									
IND E 600	INDEPN DNT STDY/RSCH Independent Study or Research	SUM/1998 -	AUT/9999	0.0	999.0	.	.	11	.	.	.	.	.	.
					LAST UPDT: 4/19/10 APPROVED: 6/23/98									
IND E 700	MASTERS THESIS Master's Thesis	SUM/1998 -	AUT/9999	0.0	999.0	.	.	11	.	.	.	.	.	.
					LAST UPDT: 4/19/10 APPROVED: 6/23/98									
IND E 800	DOCTORAL DISSERTATN Doctoral Dissertation	SUM/1998 -	AUT/9999	0.0	999.0	.	.	11	.	.	.	.	.	.
					LAST UPDT: 4/19/10 APPROVED: 6/23/98									

DATE: 10-07-2019
TIME: 20:10:10

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 K
PAGE: 1,304

COLLEGE : J - Engineering
DEPARTMENT: MECHANICAL ENGR

COURSE CURRIC NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER D -ALL U MAX P	D GRD SYS	D E HYPH	S H F U N E M R E	V L I P & N A S W	E E L E C M S N T P R G	W R N G	RESPONS COURSE	JOINT COURSES	O M I T
M E 123	VISUALIZATION & CAD Introduction to Visualization and Computer-Aided Design	AUT/2011 - AUT/9999	4.0		.	.	.	. . Y	Y . Y					.
COMMENT:ADD FEE					LAST UPDT: 8/14/12 APPROVED: 2/25/00 FEE TYPE:1 \$30.00 BUDGET:069397 REV OBJ CD:943081									
M E 124	CAD LAB Visualization and Computer-Aided Design Laboratory	AUT/2002 - AUT/9999	2.0		.	.	.	.	Y . Y					.
					LAST UPDT: 1/29/02 APPROVED: 1/28/02									
M E 230	KINEMATICS & DYNS Kinematics and Dynamics	SUM/2010 - AUT/9999	4.0		.	.	.	.	. . Y					.
COMMENT:EMAIL PREQ ALL LEVELS					LAST UPDT: 5/21/10 APPROVED: 3/15/99									
M E 295	PRODUCT DISSECTION PRODUCT DISSECTION	SPR/1996 - AUT/9999	3.0		.	.	.	.	.	.	.	M E 295	IND E 295	.
					LAST UPDT: 2/11/08 APPROVED:12/27/95									
M E 299	INDEPENDENT PROJECT Independent Project	SPR/2018 - AUT/9999	1.0-03.0	10.0	.	CR/NC	.	.	.	.	.			.
					LAST UPDT: 1/25/18 APPROVED: 1/23/18									
M E 303	METAL MACHINING METAL MACHINING	WIN/1975 - AUT/9999	2.0		.	.	.	.	.	.	.			.
COMMENT:WAS M E 203, CHG CRDT					LAST UPDT:10/20/06 APPROVED: 6/22/72									
M E 323	ENGR THERMODYNAMICS Engineering Thermodynamics	AUT/2018 - AUT/9999	5.0		.	.	.	.	.	.	.			.
					LAST UPDT: 8/10/18 APPROVED: 5/06/71									
M E 331	INTRO HEAT TRANSFER Introduction to Heat Transfer	SPR/2019 - AUT/9999	4.0		.	.	.	. . Y	.	.	.			.
					LAST UPDT: 8/10/18 FEE TYPE:1 \$10.00 BUDGET:069397 REV OBJ CD:943081									
M E 333	INTRO TO FLUID MECH Introduction to Fluid Mechanics	WIN/2019 - AUT/9999	5.0		.	.	.	. . Y	.	.	.			.
					LAST UPDT: 8/10/18 APPROVED: 9/01/71 FEE TYPE:1 \$10.00 BUDGET:069397 REV OBJ CD:943081									
M E 341	ENERGY & ENVIRON Energy and Environment	AUT/2014 - AUT/9999	3.0		.	.	.	.	. . Y			CHEM E341	ENVIR 341	.
COMMENT:CHG RESP DEPT					LAST UPDT: 3/22/16 APPROVED: 1/24/94 CHEM E 341									

DATE: 10-07-2019
TIME: 20:10:10

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 K
PAGE: 1,305

COLLEGE : J - Engineering
DEPARTMENT: MECHANICAL ENGR

CURRIC	COURSE NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER D D S H F L I E E W										RESPONS	JOINT	O M I T
						-ALL MAX	U P	GRD SYS	E D	HYPH	U M	N R	E E	P A	& S			
M E	354	MECH OF MAT LAB Mechanics of Materials Laboratory	AUT/1999 - AUT/9999	5.0		.	.	.	.	Y	.	.	.	.	.	.	.	
						LAST UPDT: 8/14/12 APPROVED: 1/24/96												
						FEE TYPE:1 \$50.00 BUDGET:069397 REV OBJ CD:943081												
M E	355	INTRO MFG PROCESS Introduction to Manufacturing Processes	AUT/1999 - AUT/9999	4.0		.	.	.	.	Y	.	.	.	.	.	.	.	
						LAST UPDT: 8/14/12 APPROVED: 2/03/99												
						FEE TYPE:1 \$50.00 BUDGET:069397 REV OBJ CD:943081												
M E	356	MACHN DESGN ANLYS Machine Design Analysis	AUT/1996 - AUT/9999	4.0		.	.	.	.	Y	.	.	.	.	.	.	.	
						LAST UPDT: 8/14/12 APPROVED: 1/24/96												
						FEE TYPE:1 \$5.00 BUDGET:069397 REV OBJ CD:943081												
M E	373	INTRO TO SYST DYN Introduction to System Dynamics	AUT/1996 - AUT/9999	5.0		.	.	.	.	.	.	.	.	.	.	.	.	
						LAST UPDT:10/20/06 APPROVED: 5/06/71												
						COMMENT:CHANGE DESCRIPTION												
M E	374	SYS DYN ANLYS & DES Systems Dynamic Analysis and Design	AUT/2008 - AUT/9999	5.0		.	.	.	.	.	.	.	.	.	.	.	.	
						LAST UPDT: 6/07/07 APPROVED:11/20/75												
						COMMENT:CHG PREQ, CORRECTED 6/7/2007												
M E	395	INTRO MECH DESIGN Introduction to Mechanical Design	SUM/2010 - AUT/9999	4.0		.	.	.	.	.	.	.	.	.	.	.	.	
						LAST UPDT: 3/12/10 APPROVED:12/01/85												
						COMMENT:EMAIL PREREQ CHANGE												
M E	401	METL CAST THY & DES METAL CASTING THEORY AND DESIGN	SPR/1970 - AUT/9999	3.0		.	.	.	.	.	.	.	.	.	.	.	.	
						LAST UPDT: 7/22/09												
M E	403	MATERL-REMOVL PROCS MATERIAL-REMOVAL PROCESSES	SPR/2002 - AUT/9999	3.0		.	.	.	.	.	.	.	.	.	.	.	.	
						LAST UPDT:12/17/01												
						COMMENT:GENCAT REVIEW PREREQ CHANGE												
M E	404	THEORY OF WELDING THEORY OF WELDING	WIN/1970 - AUT/9999	3.0		.	.	.	.	.	.	.	.	.	.	.	.	
						LAST UPDT: 7/22/09												

DATE: 10-07-2019
TIME: 20:10:10

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 K
PAGE: 1,306

COLLEGE : J - Engineering
DEPARTMENT: MECHANICAL ENGR

COURSE CURRIC NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER D -ALL U MAX P	D GRD SYS	D E HYPH	S H F U N E M R E	V L I P & N A S W	E E L C M S T P	W R Q T N G	RESPONS COURSE	JOINT COURSES	O M I T
M E	405	INT PLASTIC FORMING	SPR/1980 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.
INTRODUCTION TO PLASTIC METAL FORMING														
LAST UPDT:10/20/06 APPROVED: 6/07/79														
M E	406	CORR&SURF TRT MTRLs	WIN/1976 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.
Corrosion and Surface Treatment of Materials														
LAST UPDT:10/20/06														
COMMENT:CHG DESC														
M E	409	NUM CONTROL & CAM	SPR/2002 - AUT/9999	3.0	.	.	.	Y	.	.	.	.	.	.
Introduction to Numerical Control and Computer-Aided Manufacturing														
LAST UPDT: 8/14/12 APPROVED: 3/19/87														
COMMENT:GENCAT REVIEW PREREQ CHANGE FEE TYPE:1 \$35.00 BUDGET:069397 REV OBJ CD:943081														
M E	410	NANODEVICES	SPR/2012 - AUT/9999	3.0	.	.	.	Y	.	.	.	.	.	.
Nanodevices: Design and Manufacture														
LAST UPDT: 3/27/18 APPROVED: 1/17/12														
FEE TYPE:1 \$30.00 BUDGET:069397 REV OBJ CD:943081														
M E	411	BIOFRAMEWORKS	SPR/2012 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.
Biological Frameworks for Engineers														
LAST UPDT: 2/29/12 APPROVED: 2/28/12														
M E	412	BIOMECH MOVEMENT	WIN/2018 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.
Biomechanics of Movement														
LAST UPDT:11/01/17 APPROVED:10/18/16														
M E	414	ENG INNOV HLTH	AUT/2019 - AUT/9999	4.0	.	.	.	.	.	.	.	M E	414 E E	414 .
Engineering Innovation in Health														
LAST UPDT: 6/06/19 APPROVED: 6/07/16														
M E	415	DESIGN FOR ENVIR	AUT/2009 - AUT/9999	3.0	.	.	.	.	.	.	.	M E	415 CEE	495 .
Sustainability and Design for Environment														
LAST UPDT: 8/12/09 APPROVED: 5/21/01														
COMMENT:CHG JT STATUS														
M E	419	BIOMECH SEMINAR	WIN/2018 - AUT/9999	1.0	4.0	.	CR/NC	.	.	.	.	.	.	.
Biomechanics Seminar														
LAST UPDT:12/04/17 APPROVED:10/17/17														
M E	424	COMBUSTION SYSTEMS	AUT/1997 - AUT/9999	4.0	.	.	.	Y	.	.	.	.	.	.
COMBUSTION SYSTEMS AND POLLUTANT FORMATION														
LAST UPDT: 8/14/12 APPROVED:11/20/80														
COMMENT:CHANGE DESCRIPTION FEE TYPE:1 \$30.00 BUDGET:069397 REV OBJ CD:943081														

DATE: 10-07-2019
TIME: 20:10:10

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 K
PAGE: 1,307

COLLEGE : J - Engineering
DEPARTMENT: MECHANICAL ENGR

CURRIC	COURSE NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER D -ALL U MAX P	D GRD SYS	D E HYPH	S H F U N E M R E	V L I P & N A S W	E E L E C M S N	W R Q T P R G	RESPONS COURSE	JOINT COURSES	O M I T
M E	425	HVAC HVAC Engineering	SPR/2000	- AUT/9999	4.0	.	.	.	. . Y	.	.	.	.	.	.
						LAST UPDT: 3/22/19									
						FEE TYPE:1 \$25.00 BUDGET:069397 REV OBJ CD:943081									
M E	426	RENEWABLE ENERGY II Renewable Energy II	SPR/2016	- AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.
						LAST UPDT: 7/23/15 APPROVED:11/20/80									
M E	428	NOISE CONTROL NOISE CONTROL	WIN/1974	- AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.
						LAST UPDT:10/20/06 APPROVED: 4/12/73									
M E	430	ENERGY CONVERSION Advanced Energy Conversion Systems	SPR/1998	- AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.
						LAST UPDT:10/20/06 APPROVED: 6/28/73									
						COMMENT:CHANGE DESCRP, PREREQUISITES									
M E	431	ADV FL MECH Advanced Fluid Mechanics	WIN/1987	- AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.
						LAST UPDT:10/20/06 APPROVED: 3/20/86									
M E	432	GAS DYNAMICS Gas Dynamics	AUT/1975	- AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.
						LAST UPDT: 8/08/18									
						COMMENT:CHG TITLES									
M E	433	TURBOMACHINERY Turbomachinery	SPR/1998	- AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.
						LAST UPDT:10/20/06 APPROVED:10/12/72									
						COMMENT:CHANGE PREREQ, DESCRIP									
M E	434	ADV MECH ENGR LAB ADVANCED MECHANICAL ENGINEERING LABORATORY	SPR/1980	- AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.
						LAST UPDT:10/20/06									
						COMMENT:CHG DESC									
M E	436	FRICTION AND WEAR FRICTION AND WEAR OF MATERIALS	WIN/1997	- AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.
						LAST UPDT: 1/31/96									
						COMMENT:CHANGE DESCRIPTION									

DATE: 10-07-2019
TIME: 20:10:10

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 K
PAGE: 1,308

COLLEGE : J - Engineering
DEPARTMENT: MECHANICAL ENGR

COURSE CURRIC NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER D -ALL U MAX P	GRD SYS	D E HYPH	S H F U N E M R E	V L I P & N A S W	E E L C M T P R	W R G	RESPONS COURSE	JOINT COURSES	O M I T
M E 440	ADV MECH OF MATLS Advanced Mechanics of Materials and Solids	WIN/2019 - AUT/9999	3.0		.	.	.	.	.	.	.			.
LAST UPDT: 8/10/18 APPROVED: 2/22/99														
M E 442	RENEWABLE ENERGY Renewable Energy	SPR/2014 - AUT/9999	4.0		.	.	.	.	.	Y	.	M E 442	CHEM E442	.
LAST UPDT: 3/19/14 APPROVED: 5/24/93														
COMMENT:CHG PREQ - JT STATUS														
M E 445	INTRO TO BIOMECH Introduction to Biomechanics	SPR/2001 - AUT/9999	4.0		.	.	.	.	.	.	.	BIOEN 440	BIOEN 440	.
LAST UPDT:12/07/00 APPROVED:12/30/98														
COMMENT:CHG TITLES, CREDITS, COURSE DE														
M E 450	INTRO COMP MATL DES Introduction to Composite Materials and Design	AUT/1996 - AUT/9999	3.0		.	.	.	Y	.	.	.			.
LAST UPDT: 8/14/12 APPROVED:10/22/87														
COMMENT:CHANGE PREREQ, DESCRIPTION FEE TYPE:1 \$50.00 BUDGET:069397 REV OBJ CD:943081														
M E 459	INTRO FRACT MECH Introduction to Fracture Mechanics	SPR/2002 - AUT/9999	3.0		.	.	.	.	.	.	.			.
LAST UPDT:10/20/06 APPROVED: 1/24/96														
COMMENT:GENCAT REVIEW PREREQ CHANGE														
M E 460	KIN & LINKAGE DESGN Kinematics and Linkage Design	WIN/1971 - AUT/9999	3.0		.	.	.	.	.	.	.			.
LAST UPDT:12/12/08														
M E 461	THIN FILMS Mechanics of Thin Films	AUT/2012 - AUT/9999	3.0		.	.	.	.	.	.	.			.
LAST UPDT: 3/21/12 APPROVED: 3/20/12														
M E 465	WELDING DESIGN WELDING DESIGN	SPR/1970 - AUT/9999	3.0		.	.	.	.	.	.	.			.
LAST UPDT: 7/22/09														
M E 468	AIR P CONT DESIGN Air-Pollution Control Equipment Design	SUM/2000 - AUT/9999	3.0		.	.	.	.	.	.	.	CEE 494	CHEM E468	.
LAST UPDT: 5/30/19 APPROVED:12/01/99														
CEE 494														
M E 469	APPL OF DYN IN ENGR Applications of Dynamics in Engineering	AUT/1986 - AUT/9999	4.0		.	.	.	.	.	.	.			.
LAST UPDT:10/20/06														
COMMENT:CHG CREDITS, PREQ														

DATE: 10-07-2019
TIME: 20:10:10

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 K
PAGE: 1,309

COLLEGE : J - Engineering
DEPARTMENT: MECHANICAL ENGR

COURSE CURRIC NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER D -ALL U MAX P	D GRD SYS	D E HYPH	S H F U N E M R E	V L I P & N A S W	E E L C M T P R	W R G	RESPONS COURSE	JOINT COURSES	O M I T
M E 470	MECHANICAL VIBRATNS Mechanical Vibrations	SPR/1985 - AUT/9999	3.0		.	.	.	.	.	.	.			.
LAST UPDT: 0/00/00														
M E 471	AUTOMATIC CONTROL Automatic Control	WIN/1990 - AUT/9999	4.0		.	.	.	Y	.	.	.			.
LAST UPDT: 8/14/12														
COMMENT:CHG CREDITS, DESC FEE TYPE:1 \$25.00 BUDGET:069397 REV OBJ CD:943081														
M E 473	INSTRUMENTATION Instrumentation	AUT/2000 - AUT/9999	4.0		.	.	.	Y	.	.	.			.
LAST UPDT: 8/14/12														
COMMENT:CHG CREDITS, CRS DESCRIPT FEE TYPE:1 \$25.00 BUDGET:069397 REV OBJ CD:943081														
M E 474	SYST MOD AND SIMULA SYSTEMS MODELING AND SIMULATION	SPR/1980 - AUT/9999	3.0		.	.	.	.	.	.	.			.
LAST UPDT:10/20/06 APPROVED: 4/12/73														
COMMENT:CHG DESC														
M E 477	EMBEDDED COMPUTING Embedded Computing in Mechanical Systems	AUT/2008 - AUT/9999	4.0		.	.	.	Y	.	.	.			.
LAST UPDT: 8/14/12 APPROVED: 6/23/83														
COMMENT:CHG DESC PER 08-10 CAT UPDATE FEE TYPE:1 \$25.00 BUDGET:069397 REV OBJ CD:943081														
M E 478	FINTE ELEMENT ANLYS Finite Element Analysis	AUT/2002 - AUT/9999	4.0		.	.	.	Y	.	.	.			.
LAST UPDT: 8/14/12 APPROVED:12/19/85														
COMMENT:GENCAT REVIEW PREREQ CHANGE FEE TYPE:1 \$22.00 BUDGET:069397 REV OBJ CD:943081														
M E 480	CAD TECHNOLOGY Introduction to Computer-Aided Technology	SPR/2010 - AUT/9999	4.0		.	.	.	Y	.	.	.			.
LAST UPDT: 8/14/12 APPROVED: 5/24/84														
COMMENT:EMAIL PREQ CHG FEE TYPE:1 \$75.00 BUDGET:069397 REV OBJ CD:943081														
M E 481	IC ENGINES Internal Combustion Engines	SPR/2014 - AUT/9999	4.0		.	.	.	.	.	.	.			.
LAST UPDT: 3/03/14														
COMMENT:CHG TITLES, DESC, PREQ														
M E 485	ELECTRNC PACKAGING Introduction to Electronic Packaging and Materials	WIN/1997 - AUT/9999	3.0		.	.	.	Y	.	.	.	M E 485 MSE 485		.
LAST UPDT: 8/14/12 APPROVED: 4/29/96														
FEE TYPE:1 \$50.00 BUDGET:069397 REV OBJ CD:943081														

DATE: 10-07-2019
TIME: 20:10:10

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 K
PAGE: 1,310

COLLEGE : J - Engineering
DEPARTMENT: MECHANICAL ENGR

CURRIC	COURSE NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER D -ALL U MAX P	D GRD SYS	D E HYPH	S H F U N E M R E	V L I P & N A S W	E E L C M S T P	W R Q T N G	RESPONS COURSE	JOINT COURSES	O M I T
M E	487	ELECT PKG LAB Laboratory in Electronic Packaging and Materials	WIN/2000 - AUT/9999	1.0		.	.		. . Y	.	.	.	M E 487 MSE 487	.	
LAST UPDT: 8/14/12 APPROVED: 2/03/99 FEE TYPE:1 \$75.00 BUDGET:069397 REV OBJ CD:943081															
M E	490	NAVAL ARCHITECTURE Naval Architecture	WIN/1988 - AUT/9999	3.0		.	.		. . .	.	.	.			.
LAST UPDT: 8/08/18 APPROVED:12/01/87															
M E	491	NAVAL ARCHITECTURE Naval Architecture	SPR/1988 - AUT/9999	3.0		.	.		. . .	.	.	.			.
LAST UPDT: 8/08/18															
COMMENT:DROP JT															
M E	492	NAVAL ARCHITECTURE Naval Architecture	WIN/1988 - AUT/9999	3.0		.	.		. . .	.	.	.			.
LAST UPDT: 8/08/18															
COMMENT:DROP JT															
M E	494	MECHATRONICS PREP Mechatronics Design Preparation	SPR/2012 - AUT/9999	1.0		.	.		. . .	.	.	.			.
LAST UPDT: 1/03/12 APPROVED:12/20/11															
M E	495	MECH ENGR DESIGN Mechanical Engineering Design	AUT/1986 - AUT/9999	4.0		.	.		. . Y	.	.	.			.
LAST UPDT: 8/14/12 APPROVED: 5/06/71 COMMENT:CHG CREDITS, PREQS FEE TYPE:1 \$75.00 BUDGET:069397 REV OBJ CD:943081															
M E	496	TECH-BASED ENTREPRE Technology-Based Entrepreneurship	SPR/2013 - AUT/9999	3.0		.	.		. . .	.	.	.	IND E 496 IND E 496	.	
LAST UPDT: 2/14/13 APPROVED: 1/24/96															
COMMENT:EMAIL PREQ CHG															
M E	498	SPEC TPCS MECH ENGR Special Topics in Mechanical Engineering	AUT/1972 - AUT/9999	1.0-05.0	6.0 Y	.	.		. . Y	.	.	.			.
LAST UPDT: 8/14/12 APPROVED: 4/27/72 FEE TYPE:1 \$75.00 BUDGET:069397 REV OBJ CD:943081															
M E	499	SPECIAL PROJECTS Special Projects	SPR/2018 - AUT/9999	1.0-05.0	6.0 Y	.	.		. . Y	.	.	.			.
LAST UPDT: 1/25/18 FEE TYPE:1 \$50.00 BUDGET:069397 REV OBJ CD:943081															

DATE: 10-07-2019
TIME: 20:10:10

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 K
PAGE: 1,311

COLLEGE : J - Engineering
DEPARTMENT: MECHANICAL ENGR

COURSE CURRIC NUM	TITLE	EFFECTIVE QUARTERS	QUARTER CREDITS	OVER D -ALL U MAX P	D GRD SYS	D E HYPH	S H F U N E M R E	V L I P & N A S W	E E L C M T P R	W R Q T S N G	RESPONS COURSE	JOINT COURSES	O M I T
M E 500	ADV COMPOSITE STRUC Advanced Composite Structural Analysis	SPR/2012 - AUT/9999	3.0	.	.	.	.	.	.	.	A A	535 A A 535	.
				LAST UPDT: 2/29/12		APPROVED: 2/28/12							
M E 501	MFG PROCESSES Modern Manufacturing Processes	AUT/1999 - AUT/9999	3.0	.	.	.	.	.	.	.			.
				LAST UPDT: 2/08/99		APPROVED: 2/03/99							
M E 502	PLAST AND MET FORM PLASTICITY AND METAL FORMING	SPR/1992 - AUT/9999	3.0	.	.	.	.	.	.	.			.
COMMENT:CHG TITLES, PREQ				LAST UPDT:10/23/06									
M E 503	CONTINUUM MECH Continuum Mechanics	AUT/2009 - AUT/9999	3.0	.	.	.	.	.	.	.	A A	503 A A 503	.
COMMENT:ADD JT WITH A A 503				LAST UPDT: 4/20/09		APPROVED: 4/21/09							
M E 504	INTRO TO MEMS Introduction to Microelectro Mechanical Systems	SUM/2019 - AUT/9999	4.0	.	.	.	.	.	.	.	E E	504 MSE 504	.
				LAST UPDT:12/20/18		APPROVED: 9/20/99						E E 504	
M E 507	INCOMP FLUID MECH Incompressible Fluid Mechanics	SPR/2018 - AUT/9999	3.0	.	.	.	.	.	.	.	A A	507 A A 507	.
				LAST UPDT:10/18/17									
M E 508	MEASUREMENT SYSTEMS Theory and Design for Mechanical Measurements	WIN/2005 - AUT/9999	3.0	.	.	.	.	.	.	.			.
				LAST UPDT:11/24/04		APPROVED:11/23/04							
M E 510	MATH FOUND SYST THR Mathematical Foundations of Systems Theory	AUT/2014 - AUT/9999	4.0	.	.	.	.	.	.	.	E E	510 A A 510	.
COMMENT:14-16 PREQ CHG				LAST UPDT: 7/31/14		APPROVED:10/24/91						E E 510 CHEM E 510	
M E 511	BIOFRAMEWORKS Biological Frameworks for Engineers	SPR/2012 - AUT/9999	3.0	.	.	.	.	.	.	.			.
				LAST UPDT: 2/29/12		APPROVED: 2/28/12							
M E 512	BIOMECH MOVEMENT Biomechanics of Movement	WIN/2018 - AUT/9999	3.0	.	.	.	.	.	.	.			.
				LAST UPDT:11/01/17		APPROVED:10/18/16							

DATE: 10-07-2019
TIME: 20:10:10

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 K
PAGE: 1,312

COLLEGE : J - Engineering
DEPARTMENT: MECHANICAL ENGR

COURSE CURRIC NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER D -ALL U MAX P	D GRD SYS	D E HYPH	S H F U N E M R E	V L I P & N A S W	E E L C M T P R	W R G	RESPONS COURSE	JOINT COURSES	O M I T
M E 514	ENG INNOV HLTH Engineering Innovation in Health	AUT/2018 -	AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.
LAST UPDT: 7/02/18 APPROVED: 6/05/18														
M E 515	LIFE CYCLE ASSESS Life Cycle Assessment	AUT/2008 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.
LAST UPDT: 3/19/08 APPROVED: 3/18/08														
M E 516	ADV MFG ENERGY TECH Advanced Manufacturing and Energy Technologies	SPR/2018 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.
LAST UPDT: 2/23/18 APPROVED:12/19/17														
M E 518	SEMINAR IN MFG MGMT SEMINARS IN MANUFACTURING AND MANAGEMENT	AUT/1999 -	AUT/9999	1.0	.	.	.	.	.	.	.	M E 518	IND E 518	.
LAST UPDT:10/23/06														
COMMENT:CHANGE TITLE CRDTS DESCP HYPH														
M E 519	BIOMECH SEMINAR Biomechanics Seminar	WIN/2018 -	AUT/9999	1.0	4.0	.	CR/NC	.	.	.	.	.	.	.
LAST UPDT:12/04/17 APPROVED:10/17/17														
M E 520	SEMINAR Seminar	AUT/2018 -	AUT/9999	1.0	20.0	Y	CR/NC	.	22	.	.	.	.	.
LAST UPDT: 4/25/18														
M E 521	THERMODYNAMICS Thermodynamics	AUT/1975 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.
LAST UPDT:10/23/06														
COMMENT:CHG TITLES														
M E 522	THERMODYNAMICS Thermodynamics	SPR/1994 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.
LAST UPDT:10/23/06														
COMMENT:CHANGE DESCRIPTION														
M E 523	ENERGY ENVIR SEMINAR Energy and Environment Seminar	AUT/2000 -	AUT/9999	1.0	20.0	.	CR/NC	.	.	.	.	.	.	.
LAST UPDT: 3/15/00 APPROVED: 2/28/94														
COMMENT:CHG DESCRIPT, TITLES														
M E 524	COMBUSTION Combustion	SPR/1971 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.
LAST UPDT: 0/00/00														

DATE: 10-07-2019
TIME: 20:10:10

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 K
PAGE: 1,313

COLLEGE : J - Engineering
DEPARTMENT: MECHANICAL ENGR

COURSE CURRIC NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER D -ALL U MAX P	GRD SYS	D E HYPH	S H F U N E M R E	V L I P & N A S W	E E L C M S T P	W R Q T N G	RESPONS COURSE	JOINT COURSES	O M I T
M E 525	APPLIED ACOUSTICS Applied Acoustics I	AUT/2008 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.
					LAST UPDT: 2/15/08									
COMMENT:CHG TITLES, DESC														
M E 526	SPEC TPCS ACOUSTICS Special Topics in Acoustics	AUT/2008 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.
					LAST UPDT: 2/15/08 APPROVED: 6/04/70									
COMMENT:CHG TITLES, DESC														
M E 527	MUSCULOSKEL BIOMECH Musculoskeletal Biomechanics	SPR/2014 -	AUT/9999	4.0	.	.	.	.	.	.	.	BIOEN 520	BIOEN 520	.
					LAST UPDT:12/05/17 APPROVED:12/06/93									
M E 528	ACOSTCS ENVRN NOISE Acoustics of Environmental Noise	WIN/2018 -	AUT/9999	4.0	.	.	.	.	.	.	.	M E 528	CEWA 554	.
					LAST UPDT:12/26/17 APPROVED: 7/16/70									
M E 529	ADV ENERGY Advanced Energy Conservation Systems	AUT/2012 -	AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.
					LAST UPDT: 3/21/12 APPROVED: 3/20/12									
M E 530	RADIATION Radiative Heat Transfer	SPR/2012 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.
					LAST UPDT:12/30/13									
COMMENT:CHG TITLES, DESC														
M E 531	CONDUCT HEAT TRANS Conductive Heat Transfer	SPR/1977 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.
					LAST UPDT: 0/00/00									
M E 532	CONVECT HEAT TRANS Convective Heat Transfer	WIN/1977 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.
					LAST UPDT: 0/00/00									
M E 533	FLUID MECHANICS FLUID MECHANICS	AUT/1975 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.
					LAST UPDT:10/23/06									
COMMENT:CHG TITLES, DESC														
M E 534	FLUID MECHANICS Fluid Mechanics II	SPR/2013 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.
					LAST UPDT: 2/15/13									
COMMENT:EMAIL PREQ CHG														

REPORT: SR21010-R-01 K
PAGE: 1,314

DATE: 10-07-2019
TIME: 20:10:10

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 K
PAGE: 1,315

COLLEGE : J - Engineering
DEPARTMENT: MECHANICAL ENGR

COURSE CURRIC NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER D -ALL U MAX P	D GRD SYS	D E HYPH	S H F U N E M R E	V L I P & N A S W	E E L C Q T P R G	RESPONS COURSE	JOINT COURSES	O M I T
M E	546 MICRO HEAT TRANSFER Micro-Scale Heat Transfer	SPR/2012 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.
LAST UPDT:11/29/12 APPROVED:12/20/11													
M E	547 LINEAR SYSTEMS Linear Systems Theory	AUT/2018 -	AUT/9999	4.0	.	.	.	.	.	.	E E	547 A A	547 .
LAST UPDT:12/20/18 E E 547													
M E	548 LIN MULTVAR CONTROL Linear Multivariable Control	AUT/2005 -	AUT/9999	3.0	.	.	.	.	.	.	E E	548 A A	548 .
LAST UPDT: 3/21/16 E E 548													
COMMENT: CHG PREREQ													
M E	549 ST EST & KALMAN FLTR Estimation and System Identification	AUT/2012 -	AUT/9999	3.0	.	.	.	.	.	.	E E	549 A A	549 .
LAST UPDT: 3/21/16 APPROVED: 9/19/81 E E 549													
COMMENT:EMAIL PREQ CHG													
M E	550 NONLIN OPT CONTROL Nonlinear Optimal Control	AUT/2014 -	AUT/9999	3.0	.	.	.	.	.	.	E E	550 A A	550 .
LAST UPDT: 7/31/14 APPROVED: 2/28/92 E E 550													
COMMENT:14-16 PREQ CHG													
M E	551 ELASTICITY I Elasticity I: Elastostatics	AUT/1992 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.
LAST UPDT:10/23/06													
COMMENT:CHG TITLES, DESC													
M E	552 VISCOELASTICITY Viscoelasticity and Plasticity	SPR/2012 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.
LAST UPDT:12/19/11 APPROVED: 3/31/92													
COMMENT:CHG TITLES, DESC													
M E	553 ADHESION MECHANICS Adhesion Mechanics	SPR/1986 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.
LAST UPDT:10/23/06 APPROVED: 6/27/85													
M E	555 THERMOELASTICITY Thermoelasticity	SPR/1994 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.
LAST UPDT:10/23/06													
COMMENT:CHANGE DESCRIPTION													

DATE: 10-07-2019
TIME: 20:10:10

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 K
PAGE: 1,316

COLLEGE : J - Engineering
DEPARTMENT: MECHANICAL ENGR

COURSE CURRIC NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER D -ALL U MAX P	GRD SYS	D E HYPH	S H F U N E M R E	V L I P & N A S W	E E W L E C Q T C M S N T P R G	RESPONS COURSE	JOINT COURSES	O M I T
M E 556	EXP STRESS ANLYS I Experimental Stress Analysis I	SUM/1990 -	AUT/9999	3.0	.	.	.	. . Y	.	.	.	.	.
					LAST UPDT: 8/14/12								
					FEE TYPE:1 \$25.00 BUDGET:069397 REV OBJ CD:943081								
M E 557	EXP STRESS ANLYS II Experimental Stress Analysis II	SUM/1990 -	AUT/9999	3.0	.	.	.	. . Y	.	.	.	.	.
					LAST UPDT: 8/14/12								
					FEE TYPE:1 \$10.00 BUDGET:069358 REV OBJ CD:943081								
M E 558	EXP STRESS ANALYSIS EXPERIMENTAL STRESS ANALYSIS	WIN/1961 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.
					LAST UPDT: 1/27/93								
M E 559	INTRO FRACT MECH Introduction to Fracture Mechanics	WIN/1997 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.
					LAST UPDT:10/23/06								
					COMMENT:CHG TITLES, DESC								
M E 560	ADV THY FRACTURE ADVANCED THEORY OF FRACTURE	WIN/1997 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.
					LAST UPDT:10/23/06 APPROVED: 4/12/73								
					COMMENT:CHG TITLES, DESC								
M E 561	THIN FILMS Mechanics of Thin Films	AUT/2012 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.
					LAST UPDT: 3/21/12 APPROVED: 3/20/12								
M E 562	INTRO ELECTRONC COMP Introduction to Electronic Composites	SPR/1999 -	AUT/9999	3.0	.	.	.	.	.	.	M E 562 MSE	562	.
					LAST UPDT:10/23/06 APPROVED: 2/23/89								
					COMMENT:CHANGE TITLE & DESCRIPTION								
M E 563	ADVANCED COMPOSITES Advanced Composites: Design and Manufacturing	SPR/1999 -	AUT/9999	3.0	.	.	.	.	.	.	MSE 563 MSE	563	.
					LAST UPDT: 2/23/99 APPROVED: 2/22/99								
M E 564	MECHNCL ENGR ANLYS Mechanical Engineering Analysis	AUT/1975 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.
					LAST UPDT:10/23/06								
					COMMENT:CHG TITLES								

DATE: 10-07-2019
TIME: 20:10:10

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 K
PAGE: 1,317

COLLEGE : J - Engineering
DEPARTMENT: MECHANICAL ENGR

COURSE CURRIC NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER D -ALL U MAX P	D GRD SYS	D E HYPH	S H F U N E M R E	V L I P & N A S W	E E L C M T P R	W Q T S N G	RESPONS COURSE	JOINT COURSES	O M I T
M E	565	MECHNCL ENGR ANLYS Mechanical Engineering Analysis	AUT/1975 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.
					LAST UPDT:10/23/06									
COMMENT:CHG TITLES														
M E	566	RANDOM PROCESSES INTRODUCTION TO RANDOM PROCESSES	SPR/1994 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.
					LAST UPDT:10/23/06 APPROVED: 9/18/85									
COMMENT:CHANGE DESCRIPTION														
M E	567	NANO-BIOSENSORS Micro- and Nanostructured Biosensors	SPR/2016 - AUT/9999	3.0	.	.	.	.	.	.	.	M E	567 MOLENG567	.
					LAST UPDT:12/20/15 APPROVED:12/15/15									
M E	568	ACT/SENSING MATR Active and Sensing Materials	AUT/2008 - AUT/9999	3.0	.	.	.	.	.	.	.	M E	568 MSE 568	.
					LAST UPDT: 4/28/08 APPROVED: 4/15/08									
M E	570	MANIFOLDS AND GEOM Manifolds and Geometry for Systems and Control	AUT/2007 - AUT/9999	3.0	.	.	.	.	.	.	.	A A	570 A A 570	.
					LAST UPDT: 4/05/07 APPROVED: 2/21/07									
					E E 570									
M E	572	CONCEPTUAL DESIGN Methodologies for Engineering Design: Conceptual Design	WIN/1997 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.
					LAST UPDT: 6/14/96 APPROVED: 4/29/96									
M E	573	PROB MECH DESIGN METH FOR ENGR DESIGN:PROBABILISTIC MECHANICAL DESG	AUT/1996 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.
					LAST UPDT: 5/24/96 APPROVED: 4/29/96									
M E	574	APPL PAR COMPUTING Introduction to Applied Parallel Computing for Engineers	WIN/2018 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.
					LAST UPDT:12/21/17 APPROVED:12/19/17									
M E	578	CONVEX OPTIMIZATION Convex Optimization	AUT/2017 - AUT/9999	4.0	.	.	.	.	.	.	.	E E	578 CSE 578	.
					LAST UPDT: 5/31/18 APPROVED: 3/29/05									
					A A 578 E E 578									
M E	579	FLUID POWER SYSTEMS FLUID POWER SYSTEMS	SPR/1980 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.
					LAST UPDT:10/23/06									
COMMENT:CHG TITLES														

DATE: 10-07-2019
TIME: 20:10:10

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 K
PAGE: 1,318

COLLEGE : J - Engineering
DEPARTMENT: MECHANICAL ENGR

COURSE CURRIC NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER D -ALL U MAX P	D GRD SYS	D E HYPH	S H F U N E M R E	V L I P & N A S W	E E L C M S T P	W R Q T N G	RESPONS COURSE	JOINT COURSES	O M I T	
M E	580	GEOMETRIC METHODS	SPR/2007 - AUT/9999	3.0	.	.	.	.	.	.	.	A A	580 E E	580 .	
Geometric Methods for Non-Linear Control Systems					LAST UPDT: 2/25/16 APPROVED: 2/21/07								A A	580	
M E	581	DIGITAL CONTROL SYS	WIN/2017 - AUT/9999	4.0	.	.	.	Y	.	.	.	M E	581 A A	581 .	
Digital Control System Design					LAST UPDT: 6/13/16 APPROVED: 4/29/96								E E	581	
					FEE TYPE:1 \$50.00 BUDGET:069397 REV OBJ CD:943081										
M E	582	DISCRETE EVENT SYS	AUT/2005 - AUT/9999	3.0	.	.	.	.	.	.	.	M E	582 A A	582 .	
Introduction to Discrete Event Systems					LAST UPDT:10/23/06 APPROVED: 4/29/96								E E	582	
COMMENT:CHG TITLES, DESCRIP, PREREQ															
M E	583	NONLINEAR CONTR SYS	AUT/2005 - AUT/9999	3.0	.	.	.	.	.	.	.	E E	583 A A	583 .	
Nonlinear Control Systems					LAST UPDT: 3/21/16								E E	583	
COMMENT:CHANGE JOINT STATUS,DESC,PRERE															
M E	584	COMBUS AIRB PROPLSN	AUT/1992 - AUT/9999	3.0	.	.	.	.	.	.	.			.	
COMBUSTION IN AIRBREATHING PROPULSION					LAST UPDT:10/23/06										
COMMENT:CHG TITLES															
M E	585	SYS ID & ADAPT CTRL	AUT/2012 - AUT/9999	3.0	.	.	.	.	.	.	.	E E	585 A A	585 .	
System Identification and Adaptive Control					LAST UPDT: 4/24/12 APPROVED: 3/29/05								E E	585	
COMMENT:EMAIL PREQ CHG															
M E	586	BIO INSPIRED ROBOT	AUT/2018 - AUT/9999	3.0	.	.	.	.	.	.	.			.	
Biology Inspired Robotics					LAST UPDT: 2/07/18 APPROVED:12/19/17										
M E	588	DYNMCS AND VIBR	AUT/1975 - AUT/9999	3.0	.	.	.	.	.	.	.			.	
Dynamics and Vibrations					LAST UPDT:10/23/06 APPROVED: 4/01/75										
COMMENT:WAS M E 568, CHG TITLES															
M E	589	VIBRATIONS	AUT/1975 - AUT/9999	3.0	.	.	.	.	.	.	.			.	
Vibrations					LAST UPDT:10/23/06										
COMMENT:CHG TITLES, DESC															

REPORT: SR21010-R-01 K
PAGE: 1,319

DEPARTMENT: MECHANICAL ENGR										V L P A	I & S W T	E E C M S N	W R Q T P R G			O M I T
COURSE CURRIC NUM	TITLE	EFFECTIVE QUARTERS	QUARTER CREDITS	OVER -ALL MAX	D U P	GRD SYS	D E HYPH	S H F U N E M R E						RESPONS COURSE	JOINT COURSES	
M E	590 VIBRATIONS VIBRATIONS	AUT/1975 - AUT/9999	3.0	.	.			. . .	.	.	.	.	.			.
				LAST UPDT:10/23/06												
COMMENT:CHG TITLES																
M E	591 ROBOT & CONTR COLL ROBOTICS AND CONTROL SYSTEMS COLLOQUIUM	AUT/1996 - AUT/9999	1.0	30.0 Y	CR/NC	.		. . .	.	.	.	.	.	A A	591 A A	591 .
				LAST UPDT: 5/16/13 APPROVED:10/27/93												
COMMENT:CHG TITLES, 5/13 RETRO MAX																
M E	593 FEEDFORWARD CONTROL Feedforward Control	SPR/2006 - AUT/9999	3.0	.	.			. . .	.	.	.	.	.	M E	593 A A	593 .
				LAST UPDT: 4/27/05 APPROVED: 4/25/05												
				E E 593												
M E	594 ROBUST CONTROL Robust Control	WIN/2010 - AUT/9999	3.0	.	.			. . .	.	.	.	.	.	A A	594 E E	594 .
				LAST UPDT: 3/21/16 APPROVED: 3/29/05												
COMMENT:CHG PREQ																
M E	597 NETWORKED DYN SYS Networked Dynamics Systems	AUT/2008 - AUT/9999	3.0	.	.			. . .	.	.	.	.	.	A A	597 E E	597 .
				LAST UPDT: 3/21/16 APPROVED: 2/19/08												
				A A 597												
M E	598 GRAD PROJECTS Graduate Projects	WIN/2018 - AUT/9999	1.0-06.0	9.0 Y	.			. . .	.	.	.	.	.			.
				LAST UPDT: 2/01/18 APPROVED: 4/27/72												
M E	599 SPECIAL TOPICS Special Topics	WIN/2018 - AUT/9999	1.0-05.0	18.0 Y	.			. . Y	.	.	.	.	.			.
				LAST UPDT: 1/10/18												
				FEE TYPE:1 \$50.00 BUDGET:069397 REV OBJ CD:943081												
M E	600 INDEPNDNT STDY/RSCH Independent Study or Research	SUM/1971 - AUT/9999	0.0	999.0	.	.	11	. . .	.	.	.	.	.			.
				LAST UPDT: 4/19/10												
M E	700 MASTERS THESIS Master's Thesis	WIN/1970 - AUT/9999	0.0	999.0	.	.	11	. . .	.	.	.	.	.			.
				LAST UPDT: 4/19/10 APPROVED: 1/01/70												
M E	800 DOCTORAL DISSERTATN Doctoral Dissertation	SUM/1976 - AUT/9999	0.0	999.0	.	.	11	. . .	.	.	.	.	.			.
				LAST UPDT: 4/19/10 APPROVED: 1/01/70												

DATE: 10-07-2019
TIME: 20:10:10

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 K
PAGE: 1,320

COLLEGE : J - Engineering
DEPARTMENT: MECHANICAL ENGR

COURSE CURRIC NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER D -ALL U MAX P	D GRD E SYS D	S H F U N E M R E	V L I P & N A S W	E E L C M S T P R	W R G	RESPONS COURSE	JOINT COURSES	O M I T
MEIE 516	ADV ENGR STAT ADVANCED TOPICS IN ENGINEERING STATISTICS	SPR/1980 - AUT/9999	3.0		.	.	.	.	.	.			.
					LAST UPDT:10/18/06 APPROVED:11/18/79								
COMMENT:WAS M E 516													
MEIE 599	SPECIAL PROJECT I E SPECIAL PROJECTS IN INDUSTRIAL ENGINEERING	AUT/1999 - AUT/9999	1.0-05.0	9.0 Y	.	.	.	.	.	.			.
					LAST UPDT: 6/11/97 APPROVED: 6/28/93								
COMMENT:RETURN FROM IND E 599													

REPORT: SR21010-R-01 K
PAGE: 1,321

DEPARTMENT: MAT SCI AND ENGR						O M I T				
COURSE CURRIC NUM	TITLE	EFFECTIVE QUARTERS	QUARTER CREDITS	OVER D -ALL MAX	D U P SYS	S H F U N E M R E	V L I P & A S W T P R G	E E C Q T N	RESPONS COURSE	JOINT COURSES
MSE 170	FUNDMNT MATERLS SCI Fundamentals of Materials Science	AUT/2018 - AUT/9999	4.0	.	.	. . .	. . Y			
				LAST UPDT: 2/22/18 APPROVED: 6/15/99						
MSE 197	STUDIES MATR INNOV Case Studies in Materials Innovation	SPR/2019 - AUT/9999	2.0	.	.	. . .				
				LAST UPDT:12/19/18 APPROVED:12/18/18						
MSE 298	INTRO MODERN MTLS Introduction to Modern Materials	SPR/2005 - AUT/9999	1.0	.	.	. . .				
				LAST UPDT: 2/02/05 APPROVED: 1/31/05						
MSE 310	INTRO MSE Introduction to Materials Science and Engineering	AUT/2002 - AUT/9999	3.0	.	.	. . Y				
COMMENT:WAS MSE 300;CHG CRDS,HRS,DESCR				FEE TYPE:1	\$25.00	BUDGET:069332	REV OBJ CD:943081			
MSE 311	INTEG UNDGRAD LAB 1 Integrated Undergraduate Laboratory I	AUT/2017 - AUT/9999	3.0	.	.	. . Y				
				LAST UPDT: 7/10/17 APPROVED: 2/22/93						
				FEE TYPE:1	\$45.00	BUDGET:069332	REV OBJ CD:943081			
MSE 312	INTEG UNDGRAD LAB 2 Integrated Undergraduate Laboratory II	AUT/2017 - AUT/9999	3.0	.	.	. . Y				
				LAST UPDT: 7/10/17 APPROVED: 2/22/93						
				FEE TYPE:1	\$45.00	BUDGET:069332	REV OBJ CD:943081			
MSE 313	INTEG UNDGRAD LAB 3 Integrated Undergraduate Laboratory III	AUT/2017 - AUT/9999	3.0	.	.	. . Y				
				LAST UPDT: 7/10/17 APPROVED: 2/22/93						
				FEE TYPE:1	\$45.00	BUDGET:069332	REV OBJ CD:943081			
MSE 321	THERM & PHAS EQUIL Thermodynamics and Phase Equilibrium	AUT/2014 - AUT/9999	4.0	.	.	. . .				
				LAST UPDT: 3/12/14						
COMMENT:EMAIL PREQ CHG										
MSE 322	KINETIC MICRO EVOL Kinetics and Microstructural Evolution	WIN/2003 - AUT/9999	4.0	.	.	. . .				
				LAST UPDT:10/25/06 APPROVED: 6/24/02						
COMMENT:WAS MSE315;CHG TITLE,DESC.PRER										

REPORT: SR21010-R-01 K
PAGE: 1,322

DEPARTMENT: MAT SCI AND ENGR

DEPARTMENT: MAT SCI AND ENGR														OVER D	D	S H F	V	E E	W	O							
COURSE																											
CURRIC	NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER	CREDITS	-ALL U	GRD	E	HYPH	M	R	E	L I	P & N	C	M	S	N	RESPONS	JOINT	COURSE	COURSES	I	T		
MSE	331	CRYSTALLOG & STRUCT	AUT/2002 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.		
						LAST UPDT: 8/14/08				APPROVED: 2/22/93																	
COMMENT:WAS MSE 314; CHG TTLS,CRDS,CD																											
MSE	333	MTLS CHARACTERIZ	SPR/2012 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.		
						LAST UPDT: 6/18/12				APPROVED: 6/24/02																	
COMMENT:CHG PREQ																											
MSE	342	MATERIALS PROCESS I	AUT/2016 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.		
						LAST UPDT: 5/05/16				APPROVED: 6/24/02																	
MSE	351	ELEC PROP MATERIALS	WIN/2011 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.		
						LAST UPDT:12/15/09																					
COMMENT:CHG TITLES																											
MSE	352	PROP OF MATERIALS	AUT/2018 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.		
						LAST UPDT: 8/16/18				APPROVED: 6/24/02																	
MSE	362	MECH BEHAV MTLS I	SPR/2003 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.		
						LAST UPDT: 8/14/08				APPROVED:11/17/83																	
COMMENT:WAS MSE316;CHG TITLE,CR,DES,PR																											
MSE	399	UG RES SEMINAR	WIN/2014 -	AUT/9999	1.0	.	CR/NC	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.		
						LAST UPDT: 6/05/13				APPROVED: 6/04/13																	
MSE	431	FAILURE ANALYSIS	WIN/2019 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.		
						LAST UPDT: 1/25/18				APPROVED: 4/19/75																	
MSE	442	MTLS PROCESSING II	AUT/2002 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.		
						LAST UPDT: 8/06/08				APPROVED: 3/18/71																	
COMMENT:WAS CER E 421;CHG CRDS,TTLS,CD																											
MSE	443	PROCESS PRINCIPLES	AUT/2009 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.		
						LAST UPDT: 3/18/09				APPROVED: 9/22/83																	
COMMENT:CHG TITLES, DESC																											

REPORT: SR21010-R-01 K
PAGE: 1,323

DEPARTMENT: MAT SCI AND ENGR											
COURSE CURRIC NUM	TITLE	EFFECTIVE QUARTERS	QUARTER CREDITS	OVER D -ALL U MAX P	D GRD E SYS	S H F U N E M R E	V L I P & N A S W T	E E C Q L N C M S N W R P R G	RESPONS COURSE	JOINT COURSES	O M I T
MSE	450	MAGNETIC MATERIALS SPR/2013 - AUT/9999 Magnetism, Magnetic Materials, and Related Technologies	3.0	.	.	. . .		.			.
				LAST UPDT: 5/16/12 APPROVED: 5/15/12							
MSE	452	PROPERTIES MTLS II WIN/2017 - AUT/9999 Functional Properties of Materials II	3.0	.	.	. . .		.			.
				LAST UPDT:10/06/16 APPROVED: 9/20/79							
MSE	462	MECH BEHAV MTLS II WIN/2017 - AUT/9999 Mechanical Behavior of Materials II	3.0	.	.	. . .		.			.
				LAST UPDT:10/06/16 APPROVED: 4/01/75							
MSE	463	CORROSN & WEAR MTLS WIN/2017 - AUT/9999 Corrosion and Wear of Materials	3.0	.	.	. . .		.			.
				LAST UPDT:10/06/16 APPROVED: 7/10/69							
MSE	466	ENERGY MAT DEV & SYS AUT/2017 - AUT/9999 Energy Materials, Devices, and Systems	3.0	.	.	. . .			CHEM 466	CHEM E440	.
				LAST UPDT: 5/08/17 APPROVED: 3/21/17 CHEM 466							
MSE	471	POLYMER SCI & ENGR AUT/2002 - AUT/9999 Introduction to Polymer Science and Engineering	3.0	.	.	. . .		.			.
COMMENT:WAS MSE 433; CHG TTLS,DESCR,HR				LAST UPDT: 8/14/08 APPROVED:12/21/88							
MSE	473	NONCRYSTALLINE STATE WIN/2017 - AUT/9999 Noncrystalline State	3.0	.	.	. . .		.			.
				LAST UPDT:10/06/16							
MSE	475	COMPOSITE MATERIALS WIN/2017 - AUT/9999 Introduction to Composite Materials	3.0	.	.	. . .		.			.
				LAST UPDT:12/16/16							
MSE	476	INTRO OPTOELECT MAT WIN/2017 - AUT/9999 Introduction to Optoelectronic Materials	3.0	.	.	. . .		.			.
				LAST UPDT:10/28/16 APPROVED:10/18/16							
MSE	481	NANOSTRUCTURES WIN/2005 - AUT/9999 Science and Technology of Nanostructures	3.0	.	.	. . .		.			.
				LAST UPDT:12/23/03 APPROVED:12/22/03							
MSE	482	BIOMATS, TISSUE ENG WIN/2013- AUT/9999 Biomaterials/Nanomaterials in Tissue Engineering	3.0	.	.	. . .		.			.
				LAST UPDT:12/19/12 APPROVED:12/18/12							

DATE: 10-07-2019
TIME: 20:10:10

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 K
PAGE: 1,324

COLLEGE : J - Engineering
DEPARTMENT: MAT SCI AND ENGR

COURSE CURRIC NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER D -ALL U MAX P	D GRD SYS	D E HYPH	S H F U N E M R E	V L I P & N A S W	E E L C M T P R	W R G	RESPONS COURSE	JOINT COURSES	O M I T
MSE 483	NANOMEDICINE Nanomedicine	SPR/2013 -	AUT/9999	3.0	.	.	.	.	.	.	.			.
LAST UPDT:12/19/12 APPROVED:12/18/12														
MSE 484	ELECT &OPTO POLYMERS Electronic and Optoelectronic Polymers	AUT/2015 -	AUT/9999	3.0	.	.	.	.	.	Y	.	CHEM 484	CHEM 484	.
LAST UPDT:12/17/15 APPROVED: 2/24/06														
MSE 485	ELECTRNC PACKAGING Introduction to Electronic Packaging and Materials	WIN/1997 -	AUT/9999	3.0	.	.	.	Y	.	.	.	M E 485	M E 485	.
LAST UPDT: 3/22/16 APPROVED: 4/29/96 FEE TYPE:1 \$50.00 BUDGET:069397 REV OBJ CD:943081														
MSE 486	IC TECHNOLOGY Fundamentals of Integrated Circuit Technology	SPR/2016 -	AUT/9999	3.0	.	.	.	.	.	.	.	MSE 486	E E 486	.
LAST UPDT: 3/16/16 APPROVED: 1/03/01														
MSE 487	ELECT PKG LAB Laboratory in Electronic Packaging and Materials	WIN/2000 -	AUT/9999	1.0	.	.	.	Y	.	.	.	M E 487	M E 487	.
LAST UPDT: 7/23/15 APPROVED: 2/03/99 FEE TYPE:1 \$75.00 BUDGET:069397 REV OBJ CD:943081														
MSE 488	MATR IN MANUFACTUR Materials in Manufacturing	WIN/2019 -	AUT/9999	3.0	.	.	.	.	.	.	.			.
LAST UPDT: 1/24/19 APPROVED:12/18/18														
MSE 491	DESIGN MTLS ENGRG I Design in Materials Engineering I	SPR/2007 -	AUT/9999	2.0	.	.	.	.	.	.	.			.
LAST UPDT:10/26/09 COMMENT:CHG TITLES, CREDITS, PREQ														
MSE 492	DESIGN MTLS ENGRG II Design in Materials Engineering II	SPR/2007 -	AUT/9999	2.0	.	.	.	.	.	.	.			.
LAST UPDT: 1/24/07 APPROVED:12/11/02 COMMENT:CHG CREDITS, DESC														
MSE 497	UNDERGRAD RESEARCH Undergraduate Research	SPR/2005 -	AUT/9999	1.0-05.0	12.0	.	CR/NC	.	.	.	.			.
LAST UPDT:12/21/04 APPROVED:12/24/04														
MSE 498	SPECIAL TOPICS Special Topics	WIN/2013 -	AUT/9999	1.0-05.0	15.0	Y	.	.	Y	.	.			.
LAST UPDT:12/18/12 APPROVED:11/17/83 COMMENT:CHG MAX CREDITS FEE TYPE:1 \$50.00 BUDGET:069332 REV OBJ CD:943081														

REPORT: SR21010-R-01 K
PAGE: 1,325

DEPARTMENT: MAT SCI AND ENGR						O M I T				
COURSE CURRIC NUM	TITLE	EFFECTIVE QUARTERS	QUARTER CREDITS	OVER D -ALL U GRD E MAX P SYS D HYPH M R E	S H F U N E M R E	V L I P & N C M S N A S W T P R G	R E C Q T L E C M S N W R	RESPONS COURSE	JOINT COURSES	
MSE 499	SENIOR PROJECT Senior Project	AUT/2017 - AUT/9999	0.0	5.0 Y . 11						.
				LAST UPDT: 7/06/17		APPROVED:11/19/87				
MSE 501	ADV PROC. INORG MAT Advanced Processing of Inorganic Materials	AUT/1999 - AUT/9999	3.0							.
				LAST UPDT:10/30/06		APPROVED:10/27/89				
COMMENT:CHANGE TITLE & DESCRIPTION										
MSE 502	SOL-GEL PROCESSING Sol-Gel Processing	AUT/1999 - AUT/9999	3.0							.
				LAST UPDT: 2/08/99		APPROVED: 2/03/99				
MSE 504	INTRO TO MEMS Introduction to Microelectro Mechanical Systems	SUM/2019 - AUT/9999	4.0					E E	504 M E	504 .
				LAST UPDT:12/20/18		APPROVED: 9/20/99			E E	504
MSE 510	BONDING & STRUCTURE Bonding, Crystallography, and Symmetry-Related Properties of Materials	AUT/2004 - AUT/9999	3.0							.
				LAST UPDT:12/01/03		APPROVED:10/01/89				
COMMENT:CHANGE DESC,TITLES										
MSE 512	TRANSM ELC MICRSCPY Experimental Transmission Electron Microscopy	WIN/1990 - AUT/9999	3.0							.
				LAST UPDT:10/30/06		APPROVED: 6/27/85				
COMMENT:CHG DESC										
MSE 513	TEM LAB Transmission Electron Microscopy Laboratory	WIN/1990 - AUT/9999	2.0							.
				LAST UPDT:10/30/06		APPROVED: 6/27/85				
COMMENT:CHG TITLES, DESC										
MSE 515	ADV TEM Advanced Transmission Electron Microscopy	SPR/1990 - AUT/9999	3.0							.
				LAST UPDT: 0/00/00		APPROVED:10/01/89				
MSE 518	ADVANCED MINERALOGY Advanced Mineralogy	AUT/2009 - AUT/9999	3.0					ESS	537 ESS	537 .
				LAST UPDT:10/17/18		APPROVED: 3/01/90				
COMMENT:CHG JT STATUS										
MSE 520	SEMINAR Seminar	SPR/1984 - AUT/9999	1.0	6.0 Y CR/NC						.
				LAST UPDT:10/30/06		APPROVED:11/17/83				
COMMENT:WAS CER E/MET E 520										

DATE: 10-07-2019
TIME: 20:10:10

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 K
PAGE: 1,326

COLLEGE : J - Engineering
DEPARTMENT: MAT SCI AND ENGR

COURSE CURRIC NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS											RESPONS COURSE	JOINT COURSES	O M I T
					OVER D	-ALL U	GRD	D	S H F	L I	P & N	V L	E E	W			
					MAX	P	SYS	E	UNE	A S	W T	P R	G				
MSE	524	APP RATE PHENOMENA	AUT/1977 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.
		Applied Rate Phenomena															
					LAST UPDT:10/30/06					APPROVED: 3/30/77							
MSE	525	KINETICS & PHASE TR	SPR/2000 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.
		Kinetics and Phase Transformations															
		COMMENT:CHG TITLE & DESCRIPTION			LAST UPDT:10/30/06					APPROVED:10/27/89							
MSE	528	PHYSICS VLSI FAB	AUT/2005 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	E E	528 E E	528 .
		Physics and Modeling of VLSI Fabrication															
					LAST UPDT:10/21/16					APPROVED: 5/23/05							
MSE	529	SEMICOND OPTOELEC	SPR/2016 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	E E	529 E E	529 .
		Semiconductor Optoelectronics															
					LAST UPDT:12/20/15												
MSE	541	DEFECTS IN MATERIALS	WIN/2001 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.
		Defects in Materials															
		COMMENT:CHANGE TITLES AND PREREQS			LAST UPDT:10/30/06					APPROVED:10/27/89							
MSE	545	DATA SCI CLEAN ENRG	WIN/2019 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	CHEM E545	CHEM 545	.
		Data Science Methods for Clean Energy Research															
					LAST UPDT:12/19/18					APPROVED: 4/18/17						CHEM E 545	
MSE	546	SW ENGR MOL DATA SCI	WIN/2019 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	CHEM E546	CHEM 546	.
		Software Engineering for Molecular Data Scientists															
					LAST UPDT:12/19/18					APPROVED: 4/18/17						CHEM E 546	
MSE	547	DATA SCI CAPSTONE	AUT/2019 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	CHEM E547	CHEM 547	.
		Data Science Capstone Project															
					LAST UPDT: 6/06/19					APPROVED: 1/22/19						CHEM E 547	
MSE	550	MAGNETIC MATERIALS	SPR/2012 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.
		Magnetism, Magnetic Materials, and Related Technologies															
		COMMENT:CHG DESC			LAST UPDT: 5/15/12					APPROVED: 2/26/03							
MSE	555	BIOMIMETICS	SUM/1996 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.
		Biomimetics: Bioinspired Design and Processing of Materials															
					LAST UPDT: 4/23/97					APPROVED: 1/24/96							

REPORT: SR21010-R-01 K
PAGE: 1,327

DATE: 10-07-2019
TIME: 20:10:10

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 K
PAGE: 1,328

COLLEGE : J - Engineering
DEPARTMENT: MAT SCI AND ENGR

COURSE CURRIC NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER D -ALL U MAX P	D GRD SYS	D E HYPH	S H F U N E M R E	V L I P & N A S W	E E L C M S T P	W R Q T N G	RESPONS COURSE	JOINT COURSES	O M I T	
MSE 583	NANOMEDICINE Nanomedicine	SPR/2013	- AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	
					LAST UPDT:12/19/12					APPROVED:12/18/12					
MSE 588	MATR IN MANUFACTUR Materials in Manufacturing	WIN/2019	- AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	
					LAST UPDT: 1/24/19					APPROVED:12/18/18					
MSE 598	ENGR MTLS PROJECT Engineering Materials Problems	AUT/1999	- AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	
					LAST UPDT: 6/22/99					APPROVED: 6/21/99					
MSE 599	SPEC TPCS MATLS SCI Special Topics in Materials Science	WIN/2013	- AUT/9999	1.0-05.0	15.0 Y	.	.	.	.	.	.	.	.	.	
					LAST UPDT:12/18/12					APPROVED: 1/29/87					
COMMENT:CHG MAX CREDITS															
MSE 600	INDEPENDENT STUDY Independent Study or Research	WIN/1989	- AUT/9999	0.0	999.0	.	.	11	.	.	.	.	.	.	
					LAST UPDT: 4/19/10					APPROVED: 6/09/88					
COMMENT:WAS CER E 600															
MSE 700	MASTERS THESIS Master's Thesis	AUT/1988	- AUT/9999	0.0	999.0	.	.	11	.	.	.	.	.	.	
					LAST UPDT: 4/19/10					APPROVED: 6/09/88					
MSE 800	DOCTORAL DISSERTATN Doctoral Dissertation	WIN/1989	- AUT/9999	0.0	999.0	.	.	11	.	.	.	.	.	.	
					LAST UPDT: 4/19/10					APPROVED: 6/09/88					
COMMENT:WAS CER E 800															