





DATE: 10-07-2013  
 TIME: 20:10:07

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM  
 DETAILED CURRICULUM REPORT  
 Seattle CAMPUS

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

COLLEGE : J - Engineering  
 DEPARTMENT: MECHANICAL ENGR

CURRIC NUM	COURSE TITLE	EFFECTIVE QUARTERS	QUARTER CREDITS	OVER D		D	S H F			V L E E W					RESPONS COURSE	JOINT COURSES	O M I T	
				-ALL U	GRD		U N E	P	& N C M S N	A S W T P R G								
M E 405	INT PLASTIC FORMING INTRODUCTION TO PLASTIC METAL FORMING	SPR/1980 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
				LAST UPDT:10/20/06		APPROVED: 6/07/79												
M E 406	CORR&SURF TRT MTRLS CORROSION AND SURFACE TREATMENT OF MATERIALS	WIN/1976 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
	COMMENT:CHG DESC			LAST UPDT:10/20/06														
M E 409	NUM CONTROL & CAM INTRODUCTION TO NUMERICAL CONTROL AND COMPUTER-AIDED MANUFACTURING	SPR/2002 - AUT/9999	3.0	.	.	.	.	Y	.	.	.	.	.	.	.	.	.	
	COMMENT:GENCAT REVIEW PREREQ CHANGE			FEE TYPE:1 \$35.00		BUDGET:069397		REV OBJ CD:943081		LAST UPDT: 8/14/12							APPROVED: 3/19/87	
M E 410	NANODEVICES NANODEVICES: DESIGN AND MANUFACTURE	SPR/2012 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
				LAST UPDT: 2/06/12		APPROVED: 1/17/12												
M E 411	BIOFRAMEWORKS BIOLOGICAL FRAMEWORKS FOR ENGINEERS	SPR/2012 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
				LAST UPDT: 2/29/12		APPROVED: 2/28/12												
M E 415	DESIGN FOR ENVIR SUSTAINABILITY AND DESIGN FOR ENVIRONMENT	AUT/2009 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	M E 415 CEE 495	.	.	
	COMMENT:CHG JT STATUS			LAST UPDT: 8/12/09		APPROVED: 5/21/01		ENVIR 415										
M E 424	COMBUSTION SYSTEMS COMBUSTION SYSTEMS AND POLLUTANT FORMATION	AUT/1997 - AUT/9999	4.0	.	.	.	.	Y	.	.	.	.	.	.	.	.	.	
	COMMENT:CHANGE DESCRIPTION			FEE TYPE:1 \$30.00		BUDGET:069397		REV OBJ CD:943081		LAST UPDT: 8/14/12							APPROVED:11/20/80	
M E 425	HVAC HVAC ENGINEERING	SPR/2000 - AUT/9999	4.0	.	.	.	.	Y	.	.	.	.	.	.	.	.	.	
	COMMENT:CHANGE TITLES, DESCRIP			FEE TYPE:1 \$25.00		BUDGET:069397		REV OBJ CD:943081		LAST UPDT: 8/14/12							APPROVED:11/20/80	
M E 426	ENERGY DESIGN SUSTAINABLE ENERGY DESIGN	AUT/2011 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
	COMMENT:CHG CREDITS, HOURS			LAST UPDT:10/11/11		APPROVED:11/20/80												

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CURRIC NUM	COURSE TITLE	EFFECTIVE QUARTERS	QUARTER CREDITS	OVER D		D	S H F			V L E E W					RESPONS COURSE	JOINT COURSES	O M I T			
				-ALL	U		GRD	E	U	N	E	P	&	N				C	M	S
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	.	.	.	.	.	.	.	.	.	.	.	.	.	.			
	COMMENT:CHANGE DESCRP, PREREQUISITES			LAST UPDT:10/20/06		APPROVED: 6/28/73														
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	.	.	.	.	.	.	.	.	.	.	.	.	.	.			
	COMMENT:CHG TITLES			LAST UPDT:10/20/06																
M E 433	TURBOMACHINERY TURBOMACHINERY	SPR/1998 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.			
	COMMENT:CHANGE PREREQ, DESCRIP			LAST UPDT:10/20/06		APPROVED:10/12/72														
M E 434	ADV MECH ENGR LAB ADVANCED MECHANICAL ENGINEERING LABORATORY	SPR/1980 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.			
	COMMENT:CHG DESC			LAST UPDT:10/20/06																
M E 436	FRICTION AND WEAR FRICTION AND WEAR OF MATERIALS	WIN/1997 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.			
	COMMENT:CHANGE DESCRIPTION			LAST UPDT: 1/31/96																
M E 440	ADV MECH OF MATLS ADVANCED MECHANICS OF MATERIALS AND SOLIDS	AUT/1999 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.			
				LAST UPDT: 2/23/99		APPROVED: 2/22/99														
M E 442	RENEWABLE ENERGY RENEWABLE ENERGY	AUT/2009 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	Y	.	.	.	.			
	COMMENT:CHG PREQ - JT STATUS			LAST UPDT: 9/28/09		APPROVED: 5/24/93												M E 442 ENVIR 442		
																	CHEM E 442			















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 DEPARTMENT: MECHANICAL ENGR

CURRIC	NUM	TITLE	EFFECTIVE	QUARTERS	CREDITS	OVER D		D	S H F			V L E E W					RESPONS	JOINT	O
						-ALL	U		GRD	E	U	N	E	P	&	N			
M E	538	TURB BNDRY LAY THRY TURBULENT BOUNDARY LAYER THEORY	SPR/1968 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	
LAST UPDT: 8/11/09																			
M E	539	RENEWABLE ENERGY I RENEWABLE ENERGY I	AUT/2012 -	AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.		
LAST UPDT: 3/21/12 APPROVED: 3/20/12																			
M E	540	RENEWABLE ENERGY II RENEWABLE ENERGY II	SPR/2012 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.		
LAST UPDT: 2/29/12 APPROVED: 2/28/12																			
M E	541	FATIGUE MATLS FATIGUE OF MATERIALS	SPR/1992 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.		
LAST UPDT:10/23/06																			
COMMENT:CHG TITLES																			
M E	542	TPCS ENGR MATERIALS TOPICS IN ENGINEERING MATERIALS	SPR/1972 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.		
LAST UPDT: 7/22/09																			
M E	543	FLUID TURBULENCE FLUID TURBULENCE	AUT/1994 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.		
LAST UPDT: 8/29/94																			
COMMENT:CHANGE DESCRIPTION, PREREQ																			
M E	544	ADV FLUID TURB ADVANCED TURBULENCE MODELING TECHNIQUES	AUT/1994 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.		
LAST UPDT: 8/29/94																			
COMMENT:CHANGE DESCRIPTION, PREREQ.																			
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/2005 -	AUT/9999	4.0	.	.	.	.	.	.	.	.	.	E E	547 E E	547 .		
LAST UPDT: 9/28/09																			
COMMENT:WAS M E 575; CHG PREREQ;JOINT#																			
M E	548	LIN MULTVAR CONTROL LINEAR MULTIVARIABLE CONTROL	AUT/2005 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	E E	548 A A	548 .		
LAST UPDT: 3/31/05 APPROVED: 2/28/92																			
COMMENT: CHG PREREQ																			





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CURRIC NUM	COURSE TITLE	EFFECTIVE QUARTERS	QUARTER CREDITS	OVER D		D	S H F			V L E E W					RESPONS COURSE	JOINT COURSES	O M I T
				-ALL	U		GRD	E	U	N	E	P	& N	C			
M 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	578	OPTIMIZATN SYST SCI OPTIMIZATION IN SYSTEM SCIENCES	AUT/2005 - AUT/9999 3.0	.	.	.	.	.	.	.	.	.	.	.	A A	578 A A	578 .
				LAST UPDT: 3/31/05		APPROVED: 3/29/05									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															
M E	580	GEOMETRIC METHODS GEOMETRIC METHODS FOR NON-LINEAR CONTROL SYSTEMS	SPR/2007 - AUT/9999 3.0	.	.	.	.	.	.	.	.	.	.	.	A A	580 A A	580 .
				LAST UPDT: 2/21/07		APPROVED: 2/21/07									E E	580	
M E	581	DIGITAL CONTROL DIGITAL CONTROL	AUT/2005 - AUT/9999 3.0	.	.	.	.	.	.	.	.	.	.	.	M E	581 A A	581 .
				LAST UPDT:10/23/06		APPROVED: 4/29/96									E E	581	
		COMMENT:CHG TITLES, DESRIPT,PREREQ															
M E	582	DISCRETE EVENT SYS INTRODUCTION TO DISCRETE EVENT SYSTEMS	AUT/2005 - AUT/9999 3.0	.	.	.	.	.	.	.	.	.	.	.	M E	582 A A	582 .
				LAST UPDT:10/23/06		APPROVED: 4/29/96									E E	582	
		COMMENT:CHG TITLES, DESCRIP, PREREQ															
M E	583	NONLINEAR CONTR SYS NONLINEAR CONTROL SYSTEMS	AUT/2005 - AUT/9999 3.0	.	.	.	.	.	.	.	.	.	.	.	E E	583 E E	583 .
				LAST UPDT: 4/28/05		APPROVED: 1/31/01									A A	583	
		COMMENT:CHANGE JOINT STATUS,DESC,PRERE															
M E	584	COMBUS AIRB PROPLSN COMBUSTION IN AIRBREATHING PROPULSION	AUT/1992 - AUT/9999 3.0	.	.	.	.	.	.	.	.	.	.	.			.
				LAST UPDT:10/23/06													
		COMMENT:CHG TITLES															



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CURRIC NUM	COURSE TITLE	EFFECTIVE QUARTERS	QUARTER CREDITS	OVER D		D	S H F	V	L I	E E W	R	RESPONS COURSE	JOINT COURSES	O M I T
				-ALL U	GRD									
M E	599 SPECIAL PROJECTS SPECIAL PROJECTS	SUM/1976 - AUT/9999	1.0-05.0	9.0	Y	.	.	.	.	.	.	.	.	.
				LAST UPDT: 8/14/12 FEE TYPE:1 \$50.00 BUDGET:069397 REV OBJ CD:943081										
M E	600 INDEPN DNT 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										



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				-ALL U	GRD		U N E	P & N	C M S		L I E	C Q T				
MEIE 516	ADV ENGR STAT ADVANCED TOPICS IN ENGINEERING STATISTICS	SPR/1980 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.
	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	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:RETURN FROM IND E 599															

LAST UPDT:10/18/06 APPROVED:11/18/79

LAST UPDT: 6/11/97 APPROVED: 6/28/93