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 TIME: 20:10:32

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
 DETAILED CURRICULUM REPORT
 Seattle CAMPUS

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

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	E	U	N	E	P	&	N			
M E 404	THEORY OF WELDING THEORY OF WELDING	WIN/1970 - AUT/9999	3.0
LAST UPDT: 7/22/09																	
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
LAST UPDT:10/20/06																	
COMMENT:CHG DESC																	
M E 409	NUM CONTROL & CAM Introduction to Numerical Control and Computer-Aided Manufacturing	SPR/2002 - AUT/9999	3.0
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 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	.	.
LAST UPDT: 8/12/09 APPROVED: 5/21/01																	
COMMENT:CHG JT STATUS																	
M E 424	COMBUSTION SYSTEMS COMBUSTION SYSTEMS AND POLLUTANT FORMATION	AUT/1997 - AUT/9999	4.0
LAST UPDT: 8/14/12 APPROVED:11/20/80																	
COMMENT:CHANGE DESCRIPTION FEE TYPE:1 \$30.00 BUDGET:069397 REV OBJ CD:943081																	
M E 425	HVAC HVAC Engineering	SPR/2000 - AUT/9999	4.0
LAST UPDT: 8/14/12																	
COMMENT:CHANGE TITLES, DESCRIP FEE TYPE:1 \$25.00 BUDGET:069397 REV OBJ CD:943081																	
M E 426	ENERGY DESIGN Sustainable Energy Design	AUT/2011 - AUT/9999	3.0
LAST UPDT:10/11/11 APPROVED:11/20/80																	
COMMENT:CHG CREDITS, HOURS																	

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				-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	SPR/2014 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	Y	.	.	.	.
	COMMENT:CHG PREQ - JT STATUS			LAST UPDT: 3/19/14		APPROVED: 5/24/93												M E 442 CHEM E442	.	

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				-ALL	U		GRD	E	U	N	E	P	&	N			
M E 445	INTRO TO BIOMECH Introduction to Biomechanics	SPR/2001 - AUT/9999	4.0	BIOEN 440	BIOEN 440	.
COMMENT:CHG TITLES, CREDITS, COURSE DE				LAST UPDT:12/07/00		APPROVED:12/30/98											
M E 450	INTRO COMP MATL DES Introduction to Composite Materials and Design	AUT/1996 - AUT/9999	3.0	.	.	.	.	Y	.	.	.	.	.	.			.
COMMENT:CHANGE PREREQ, DESCRIPTION				LAST UPDT: 8/14/12		APPROVED:10/22/87		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	.	.	.	.	.	.	.	.	.	.	.			.
COMMENT:GENCAT REVIEW PREREQ CHANGE				LAST UPDT:10/20/06		APPROVED: 1/24/96											
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:10/20/06		APPROVED: 5/27/82		CEE 494									
M E 469	APPL OF DYN IN ENGR Applications of Dynamics in Engineering	AUT/1986 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.			.
COMMENT:CHG CREDITS, PREQ				LAST UPDT:10/20/06													
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	.	.	.	.	.	.			.
COMMENT:CHG CREDITS, DESC				LAST UPDT: 8/14/12		FEE TYPE:1 \$25.00 BUDGET:069397 REV OBJ CD:943081											

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						-ALL	U		GRD	E	U	N	E	P	&	N			
M E	491	NAVAL ARCHITECTURE NAVAL ARCHITECTURE	WIN/1988 -	AUT/9999	3.0	
						LAST UPDT: 2/07/14													
						COMMENT:DROP JT													
M E	492	NAVAL ARCHITECTURE NAVAL ARCHITECTURE	WIN/1988 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.
						LAST UPDT: 2/07/14													
						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	AUT/2004 -	AUT/9999	2.0-05.0	6.0	Y	.	.	Y	.	.	.	.	.	.	.	.
						LAST UPDT: 8/14/12													
						COMMENT:CHG MAX CREDITS													
						FEE TYPE:1 \$50.00 BUDGET:069397 REV OBJ CD:943081													
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													

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				-ALL	U		GRD	E	U	N	E	P	&	N			
M E 527	MUSCULOSKEL BIOMECH Musculoskeletal Biomechanics	SPR/2014 - AUT/9999	4.0	BIOEN 520	BIOEN 520	.
				LAST UPDT: 3/19/14		APPROVED: 3/18/14											
M E 528	ACOSTCS ENVRN NOISE Acoustics of Environmental Noise	SUM/2000 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	M E 528	CEE 554	.
				LAST UPDT:10/23/06		APPROVED: 7/16/70											
				COMMENT:CEE 554 FORMERLY CEWA 528													
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													
M E 535	COMPT TECHN MECH E Computational Techniques in Mechanical Engineering	WIN/1997 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:10/23/06													
				COMMENT:CHG TITLES													
M E 536	MICRO/NANOFLUIDS Micro and Nanoscale Fluid Transport Phenomena	SPR/2012 - AUT/9999	3.0
				LAST UPDT:12/21/11 APPROVED:12/20/11													

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				-ALL	U		GRD	E	U	N	E	P	&	N			
M E 537	TOPCS FLUID MECH Topics in Fluid Mechanics	AUT/1975 - AUT/9999	3.0
	COMMENT:CHG TITLES, DESC																
M E 538	TURB BNDRY LAY THRY TURBULENT BOUNDARY LAYER THEORY	SPR/1968 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
M E 539	RENEWABLE ENERGY I Renewable Energy I	AUT/2012 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
M E 540	RENEWABLE ENERGY II Renewable Energy II	SPR/2012 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
M E 541	FATIGUE MATLS Fatigue of Materials	SPR/1992 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:CHG TITLES																
M E 542	TPCS ENGR MATERIALS TOPICS IN ENGINEERING MATERIALS	SPR/1972 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
M E 543	FLUID TURBULENCE Fluid Turbulence	AUT/1994 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:CHANGE DESCRIPTION, PREREQ																
M E 544	ADV FLUID TURB Advanced Turbulence Modeling Techniques	AUT/1994 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:CHANGE DESCRIPTION, PREREQ.																
M E 546	MICRO HEAT TRANSFER Micro-Scale Heat Transfer	SPR/2012 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
M E 547	LINEAR SYSTEMS Linear Systems Theory	AUT/2005 - AUT/9999	4.0	E E 547	E E 547
	COMMENT:WAS M E 575; CHG PREREQ;JOINT#															A A 547	

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				-ALL	U		GRD	E	U	N	E	P	& N	C			
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											
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											
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											
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											
				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											
				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											
				COMMENT:CHANGE JOINT STATUS,DESC,PRERE													

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				-ALL	U		GRD	E	U	N	E	P	&	N			
M E 584	COMBUS AIRB PROPLSN COMBUSTION IN AIRBREATHING PROPULSION	AUT/1992 - AUT/9999	3.0
	COMMENT:CHG TITLES																
M E 585	SYS ID & ADAPT CTRL System Identification and Adaptive Control	AUT/2012 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	E E	585 A A	585	.
	COMMENT:EMAIL PREQ CHG														E E	585	
M E 588	DYNMCS AND VIBR Dynamics and Vibrations	AUT/1975 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.				.
	COMMENT:WAS M E 568, CHG TITLES																
M E 589	VIBRATIONS Vibrations	AUT/1975 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.				.
	COMMENT:CHG TITLES, DESC																
M E 590	VIBRATIONS VIBRATIONS	AUT/1975 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.				.
	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	.
	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	.
															E E	593	
M E 594	ROBUST CONTROL Robust Control	WIN/2010 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	A A	594 A A	594	.
	COMMENT:CHG PREQ														E E	594	
M E 597	NETWORKED DYN SYS NETWORKED DYNAMICS SYSTEMS	AUT/2008 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	A A	597 A A	597	.
															E E	597	

