

DATE: 07-05-2016
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UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
 DETAILED CURRICULUM REPORT
 Seattle CAMPUS

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

COLLEGE : J - Engineering
 DEPARTMENT: MECHANICAL ENGR

CURRIC NUM	COURSE TITLE	EFFECTIVE QUARTERS	QUARTER CREDITS	OVER D				S H F				V L E E W				RESPONS COURSE	JOINT COURSES	O M I T
				-ALL	U	GRD	E	U	N	E	P	& N	C	M	S				N
M E 354	MECH OF MAT LAB Mechanics of Materials Laboratory	AUT/1999 - AUT/9999	5.0	.	.	.	.	Y	.	.	.	.	.	.	.	.	.	.
	COMMENT:CHANGE CREDITS, DESC, PREREQS			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	.	.	.	.	.	.	.	.	.	.
	COMMENT:WAS M E 353; CHG PREQ			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	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:CHANGE DESCRIPTION			LAST UPDT:10/20/06 APPROVED: 5/06/71														
M E 374	SYS DYN ANLYS & DES Systems Dynamic Analysis and Design	AUT/2008 - AUT/9999	5.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:CHG PREQ, CORRECTED 6/7/2007			LAST UPDT: 6/07/07 APPROVED:11/20/75														
M E 395	INTRO MECH DESIGN Introduction to Mechanical Design	SUM/2010 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:EMAIL PREREQ CHANGE			LAST UPDT: 3/12/10 APPROVED:12/01/85														
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	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:GENCAT REVIEW PREREQ CHANGE			LAST UPDT:12/17/01														
M E 404	THEORY OF WELDING THEORY OF WELDING	WIN/1970 - AUT/9999	3.0
				LAST UPDT: 7/22/09														

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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	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	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	491	NAVAL ARCHITECTURE NAVAL ARCHITECTURE	SPR/1988 -	AUT/9999	3.0	
						LAST UPDT: 4/22/16													
						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	.	.	.	.	.	.	.	.	.	.	.	.
						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	.	.	.	.	.	.	.	.	.	.	.	.
						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	ADVANCED FLUIDS Advanced Fluid Mechanics	AUT/2015 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
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		U	N	E	P	& N	C	M	S			
M E	548 LIN MULTVAR CONTROL Linear Multivariable Control	AUT/2005 - AUT/9999	3.0	E E	548 A A	548 .	
	COMMENT: CHG PREREQ														E E	548	
M E	549 ST EST & KALMAN FLTR Estimation and System Identification	AUT/2012 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	E E	549 A A	549 .
	COMMENT:EMAIL PREQ CHG														E E	549	
M E	550 NONLIN OPT CONTROL Nonlinear Optimal Control	AUT/2014 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	E E	550 A A	550 .
	COMMENT:14-16 PREQ CHG														E E	550	
M E	551 ELASTICITY I Elasticity I: Elastostatics	AUT/1992 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.			.
	COMMENT:CHG TITLES, DESC																
M E	552 VISCOELASTICITY Viscoelasticity and Plasticity	SPR/2012 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.			.
	COMMENT:CHG TITLES, DESC																
M E	553 ADHESION MECHANICS Adhesion Mechanics	SPR/1986 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.			.
M E	555 THERMOELASTICITY Thermoelasticity	SPR/1994 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.			.
	COMMENT:CHANGE DESCRIPTION																
M E	556 EXP STRESS ANLYS I Experimental Stress Analysis I	SUM/1990 - AUT/9999	3.0	.	.	.	.	Y	.	.	.	.	.			.
	COMMENT:CHG TITLES, DESC																
M E	557 EXP STRESS ANLYS II Experimental Stress Analysis II	SUM/1990 - AUT/9999	3.0	Y	
	COMMENT:CHG TITLES, DESC																

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 FEE TYPE:1 \$10.00 BUDGET:069358 REV OBJ CD:943081

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				-ALL U	GRD		U N E	P	& N C M S N	A S W T P R G							
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											
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 CONVEX OPTIMIZATION Convex Optimization	WIN/2016 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	A A	578 E E	578	.
				LAST UPDT: 2/26/16		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 E E	580	.
				LAST UPDT: 2/25/16		APPROVED: 2/21/07											
M E	581 DIGITAL CONTROL Digital Control	SPR/2016 - AUT/2016	3.0	.	.	.	.	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									
M 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									

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				-ALL U	GRD		E	U N E	P	& N C	M S N	A S W T P R G					
M E	582 DISCRETE EVENT SYS Introduction to Discrete Event Systems	AUT/2005 - AUT/9999	3.0	M E	582 A A	582 .	
	COMMENT:CHG TITLES, DESCRIP, PREREQ														E E	582	
M E	583 NONLINEAR CONTR SYS Nonlinear Control Systems	AUT/2005 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	E E	583 A A	583 .
	COMMENT:CHANGE JOINT STATUS,DESC,PRERE														E E	583	
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														CHEM E	591	
															E E	591	
M E	593 FEEDFORWARD CONTROL Feedforward Control	SPR/2006 - AUT/9999	3.0	M E	593 A A	593 .	
															E E	593	

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					-ALL	U		GRD	E	U		N	E	P			
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