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UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

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

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	.	.	.	.
COMMENT:WAS ENGR 250				LAST UPDT:10/18/06		APPROVED: 3/15/99							
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	.	.	.	.
COMMENT:EMAIL PREQ CHG				LAST UPDT: 3/04/16		APPROVED: 3/15/99							
IND E 316	DES EXPR REGR ANLYS Design of Experiments and Regression Analysis	WIN/2008 - AUT/9999	4.0	.	.	.	.	.	Y	.	IND E 316 STAT	316	.
COMMENT:ADD MISSING PREQ				LAST UPDT: 3/04/16		APPROVED: 1/29/87							
IND E 321	STAT QUAL CONTROL Statistical Quality Control	WIN/2005 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.
COMMENT:WAS IND E 421;CHG CREDITS				LAST UPDT: 3/04/16		APPROVED:12/18/86							
IND E 337	INTRO MANU SYSTEMS Introduction to Manufacturing Systems	WIN/2005 - AUT/9999	4.0	.	.	.	Y	.	.	.	.	.	.
COMMENT:WAS IND E 237; CHG CREDITS				LAST UPDT: 1/24/17		APPROVED:12/18/86							
				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	.	.	.	.	.	.	.	.	.	.
COMMENT:CHG CREDITS, CONTACT HRS				LAST UPDT: 8/26/04		APPROVED:12/18/86							
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							

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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
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									
IND E 494	DES IN MANUF FIRM Design in the Manufacturing Firm	WIN/2013 - AUT/9999		4.0	.	.	.	.	.	.	.			.
COMMENT:EMAIL PREQ CHG					LAST UPDT:11/05/12 APPROVED: 5/31/90									

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IND E 495	I E DESIGN Industrial Engineering Design	WIN/2005 -	AUT/9999	4.0	.	.	.	.	.	.	.	.	.
COMMENT:CHG CREDITS, CONTACT HRS					LAST UPDT:10/18/06 APPROVED:12/18/86								
IND E 496	TECH-BASED ENTREPRE Technology-Based Entrepreneurship	SPR/2013 -	AUT/9999	3.0	.	.	.	.	.	.	IND E 496 M E	496	.
COMMENT:EMAIL PREQ CHG					LAST UPDT: 2/14/13 APPROVED: 1/24/96								
IND E 498	SPECIAL TOPICS I E Special Topics in Industrial Engineering	SUM/2011 -	AUT/9999	1.0-05.0	9.0	.	.	.	.	.	.	.	.
COMMENT:EMAIL PREQ CHG					LAST UPDT:11/15/10 APPROVED:12/18/86								
IND E 499	SPECIAL PROJECTS IE Special Projects	AUT/2010 -	AUT/9999	2.0-05.0	12.0	Y	.	.	.	.	.	.	.
COMMENT:CHG MAX CREDITS					LAST UPDT: 5/17/10 APPROVED:12/18/86								
IND E 508	STOC PROC IN ENGR Stochastic Processes in Engineering	WIN/2009 -	AUT/9999	3.0	.	.	.	.	.	.	E E 508 E E	508	.
COMMENT:ADD JT TO EXISTING E E 508					LAST UPDT: 3/04/16 APPROVED: 7/16/70								
IND E 512	OPTIMIZATION MODELS Introduction to Optimization Models	AUT/2016 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.
COMMENT:END INITIAL DL					LAST UPDT:12/19/12 APPROVED:12/18/12								
IND E 513	LINEAR OPT ENG MODL Linear Optimization Models in Engineering	AUT/1999 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.
COMMENT:CONV TEMP TO PERM					LAST UPDT: 3/04/16 APPROVED: 6/28/93								
IND E 515	FUNDAMNTL OPTIMIZTN Fundamentals of Optimization	AUT/1999 -	AUT/9999	5.0	.	.	.	.	.	.	MATH 515 AMATH 515	515	.
COMMENT:CONV OF TEMP TO PERM					LAST UPDT: 3/22/16 APPROVED: 3/28/94 MATH 515								
IND E 516	APPL OPT ENG DESIGN Applications of Optimization in Engineering Design	AUT/2009 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.
COMMENT:DROP JT STATUS					LAST UPDT: 9/28/09 APPROVED: 2/28/94								

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COURSE		TITLE	EFFECTIVE QUARTERS	QUARTER CREDITS	OVER D	D	S H F	V	L	E	E	W		RESPONS	JOINT	O			
CURRIC	NUM				MAX	U P	GRD	E	HYPH	M	R	E	P & A	N C S	M S N	COURSE	COURSES	M I T	
IND E	518	SEMINAR IN MFG MGMT Seminars on Advances in Manufacturing and Management	AUT/1999 - AUT/9999	1.0	.	.	.	.	.	.	.	.	.	M E	518 M E	518 .			
					LAST UPDT:10/18/06		APPROVED: 2/03/99												
IND E	519	HEALTHCARE MODELING Healthcare Modeling and Decision Making	WIN/2017 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.			.			
					LAST UPDT:11/15/16		APPROVED: 9/20/16												
IND E	521	QUAL CONTROL IN MFG Quality Control in Manufacturing	AUT/1999 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.			.			
					LAST UPDT: 3/04/16		APPROVED: 6/28/93												
					COMMENT:CONV OF TEMP TO PERM														
IND E	524	ROB DES QLTY ENGR Robust Design and Quality Engineering	AUT/1999 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.			.			
					LAST UPDT: 4/28/99		APPROVED: 1/24/96												
					COMMENT:CONV OF TEMP TO PERM														
IND E	526	RELIABILITY Reliability in Product Design and Testing	AUT/1999 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.			.			
					LAST UPDT: 3/04/16		APPROVED: 6/28/93												
					COMMENT:CONV OF TEMP TO PERM														
IND E	535	ENGINRNG SIMULATION Engineering Simulation	WIN/2000 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.			.			
					LAST UPDT: 3/04/16		APPROVED: 6/28/93												
					COMMENT:CONV OF TEMP TO PERM														
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: 4/28/99		APPROVED: 6/28/93												
					COMMENT:CONV OF TEMP TO PERM														

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IND E 545	USER-CENTERED DESIGN User-Centered Design	AUT/2009 -	AUT/9999	4.0	.	.	.	.	.	.	HCDE 518	HCDE 518	.
COMMENT:CHG JT STATUS					LAST UPDT: 1/27/09 APPROVED:11/25/03								
IND E 546	ANYL METH TRANS I Analytical Methods in Transportation I	SUM/2015 -	AUT/9999	3.0	.	.	.	.	.	.	CEE 584	CEE 584	.
COMMENT:EMAIL PREQ CHG					LAST UPDT: 3/23/16 APPROVED: 1/28/00								
IND E 549	HUMAN FACTORS Human Factors in Engineering Design	SPR/2009 -	AUT/9999	3.0	.	.	.	.	.	.	IND E 549	ENV H 549	.
COMMENT:TEMPORARY					LAST UPDT: 1/21/09 APPROVED: 1/20/09								
IND E 555	HEALTH SYSTEMS ENGR HEALTH SYSTEMS ENGINEERING	AUT/1999 -	AUT/9999	3.0	.	.	.	.	.	.			.
COMMENT:CONV OF TEMP TO PERM					LAST UPDT: 4/28/99 APPROVED: 6/28/93								
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	.
COMMENT:CHG CREDITS					LAST UPDT:11/21/07 APPROVED: 2/26/03								
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								

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IND E 575	INVENTORY MGMT Inventory Management	SUM/2017 -	AUT/9999	5.0	.	.	.	.	.	.	.	SCTL 503	SCTL 503	.
COMMENT:END INITIAL DL					LAST UPDT: 4/16/13 APPROVED: 4/16/13									
IND E 576	FAC DES & OP MGMT Facility Design and Operations Management	AUT/2017 -	AUT/9999	5.0	.	.	.	.	.	.	.	SCTL 504	SCTL 504	.
COMMENT:END INITIAL DL					LAST UPDT: 4/16/13 APPROVED: 4/16/13									
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	AUT/2016 -	WIN/2019	3.0	.	.	.	.	.	.	.			.
					LAST UPDT:12/20/15 APPROVED:12/15/15									
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	SPR/2016 -	SUM/2019	3.0	.	.	.	.	.	.	.			.
					LAST UPDT: 5/12/17									
IND E 586	ENGR RISK MGMT Systems Engineering Risk: Assessment and Management	AUT/2019 -	AUT/9999	3.0	.	.	.	.	.	.	.			.
					LAST UPDT: 5/02/17									

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IND E 591	SEMINAR Seminar	AUT/2002 -	AUT/9999	1.0	.	CR/NC	.	13	.	.	.	.	.	.
COMMENT:CHG CREDITS, DESCRIPT.					LAST UPDT: 5/09/02 APPROVED: 6/28/93									
IND E 592	SEMINAR Seminar	AUT/2002 -	AUT/9999	1.0	.	CR/NC	.	23	.	.	.	.	.	.
COMMENT:CHG CREDITS, DESCRIPT					LAST UPDT: 5/09/02 APPROVED: 6/28/93									
IND E 593	SEMINAR Seminar	AUT/2002 -	AUT/9999	1.0	.	CR/NC	.	33	.	.	.	.	.	.
COMMENT:CHG DESCRIPTION					LAST UPDT:12/27/01 APPROVED: 6/28/93									
IND E 594	MGMT OF ENGR MANAGEMENT OF ENGINEERING DESIGN	AUT/1999 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.
COMMENT:CONV OF TEMP TO PERM					LAST UPDT: 4/28/99 APPROVED: 2/23/96									
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	.	.	.	.	.	.	.	.
COMMENT:CONV OF TEMP TO PERM					LAST UPDT: 4/20/06 APPROVED: 6/28/93									
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									