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UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
 DETAILED CURRICULUM REPORT
 Seattle CAMPUS

REPORT: SR21010-R-01 K
 PAGE: 1,164

COLLEGE : J - Engineering
 DEPARTMENT: AERONAUTICAL & ASTRO

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 A	101 AIR/SPACE VEHICLES AIR AND SPACE VEHICLES	AUT/1997 - AUT/9999	5.0	.	.	.	.	Y	.	.	Y	.	.	.	.	.	.
				LAST UPDT: 5/01/15 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	SPR/2013 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 6/05/13 COMMENT:EMAIL PREQ CHG													
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/2000 - AUT/9999	4.0
				LAST UPDT:10/02/06 APPROVED: 6/03/71 COMMENT:EMAIL PREREQ CHANGE													

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				-ALL	U	GRD	E	U	N	E	P	&	N	C	M				S
A A	420	SPACE SYS DESIGN I Spacecraft and Space Systems Design I	WIN/1994 - AUT/9999	4.0	.	.	12	.	.	Y
				LAST UPDT:10/26/10 APPROVED: 6/28/79															
				COMMENT:CHANGE DESCRIP, PREREQUISITES FEE TYPE:1 \$50.00 BUDGET:069310 REV OBJ CD:943081															
A A	421	SPACE SYS DESIGN II Spacecraft and Space System Design II	AUT/2000 - AUT/9999	4.0	.	.	22	.	.	Y
				LAST UPDT:10/26/10 APPROVED:10/27/89															
				COMMENT:EMAIL PREREQ CHANGE FEE TYPE:1 \$50.00 BUDGET:069310 REV OBJ CD:943081															
A A	430	FINTE ELEMENT ANALYS Finite Element Analysis in Aerospace	AUT/2009 - AUT/9999	3.0
				LAST UPDT: 6/15/09															
				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: 2/28/00 APPROVED: 2/23/89															
				COMMENT:EMAIL PREREQ CHANGE															
A A	440	FLIGHT MECH I Flight Mechanics I	AUT/1966 - AUT/9999	3.0
				LAST UPDT: 3/24/10															
A A	441	FLIGHT TEST ENGR Flight Test Engineering	AUT/2010 - AUT/9999	3.0	Y
				LAST UPDT: 3/24/10															
				COMMENT:10-12 PREQ CHG FEE TYPE:1 \$45.00 BUDGET:069310 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	WIN/2014 - AUT/9999	3.0	Y
				LAST UPDT: 6/05/13 APPROVED:12/06/93															
				COMMENT:DROP JT STATUS, CHG PREQ, DESC FEE TYPE:1 \$45.00 BUDGET:069330 REV OBJ CD:943081															

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				-ALL U	GRD		U	N	E	P	& N	C	M	S			
A A	534 COMPOSITE STRUCT Integrity of Composite Aircraft Structures	WIN/2012 - AUT/9999	3.0
	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	.
A A	538 STRUCTURAL OPTIM Introduction to Structural Optimization	SUM/2008 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.				.
A A	540 FINITE ELM ANLYS I Finite Element Analysis I	WIN/1984 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.				.
	COMMENT:CHANGE DESCRIPTION																
A A	541 FINITE ELM ANLYS II Finite Element Analysis II	WIN/1984 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.				.
	COMMENT:CHANGE DESCRIPTION																
A A	543 CFD Computational Fluid Dynamics	AUT/2010 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.				.
	COMMENT:CHG TITLES, DESC																
A A	544 TURBULENCE MODELING Turbulence Modeling and Simulation	AUT/2010 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.				.
	COMMENT:CHG TITLES, DESC, PREQ																
A A	545 COMP MTHDS PLASMAS Computational Methods for Plasmas	SPR/2007 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.				.
A A	546 ADV TPCS CTRL SYST Advanced Topics in Control System Theory	AUT/2005 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.				.
A A	547 LINEAR SYSTEMS Linear Systems Theory	AUT/2005 - AUT/9999	4.0	E E	547 E E	547	.
	COMMENT:CHG JOINT #S,PREREQ																
															M E	547	

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				-ALL U	GRD	E	D	U N E	M R E	P & A	N S	C W	M T	E P	R G			
A A 557	PHYS FUSION PLASMAS Physics of Fusion Plasmas	SUM/1998 - AUT/9999	3.0
				LAST UPDT: 2/03/98				APPROVED: 1/29/98										
A A 558	PLASMA THEORY Plasma Theory	SUM/1998 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:REPLACES A A 557			LAST UPDT: 2/02/98														
A A 559	PLASMA SCIENCE SMNR Plasma Science Seminar	SUM/1998 - AUT/9999	1.0	30.0	.	CR/NC	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:WAS A A 558, 5/2013 RETRO MAX			LAST UPDT: 5/16/13				APPROVED: 1/24/96										
A A 560	PLASMA DIAGNOSTICS Plasma Diagnostics	WIN/2007 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:12/13/06				APPROVED:12/13/06										
A A 564	KIN THRY RADIAT TR Kinetic Theory/Radiative Transfer	AUT/2009 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:WAS A A 503			LAST UPDT: 4/20/09														
A A 565	FUSION REACTOR FNDM Fusion Reactor Fundamentals	WIN/1993 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:WAS NUC E 565			LAST UPDT:10/02/06				APPROVED: 3/29/93										
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: 0/00/00														
A A 578	OPTIMIZATN SYST SCI Optimization in System Sciences	AUT/2005 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	A A 578	E E	578
				LAST UPDT: 3/31/05				APPROVED: 3/29/05							M 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: 2/21/07				APPROVED: 2/21/07							M E	580		

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				-ALL U	GRD		U N E	P	& N C M S N	A	S	W	T	P			
A A	581 DIGITAL CONTROL Digital Control	AUT/2005 - AUT/9999	3.0	M E	581 E E	581 .	
	COMMENT:CHG TITLES, DESCRIPT, PREREQ														M E	581	
A A	582 DISCRETE EVENT SYS Introduction to Discrete Event Systems	AUT/2005 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	M E	582 E E	582 .
	COMMENT:CHG TITLES, DESCRIPT, PREREQ														M E	582	
A A	583 NONLINEAR CONTR SYS Nonlinear Control Systems	AUT/2005 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	E E	583 M E	583 .
	COMMENT:CHANGED JOINT STATUS-NEW A A														E E	583	
A A	585 SYS ID & ADAPT CTRL System Identification and Adaptive Control	AUT/2012 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	E E	585 E E	585 .
	COMMENT:EMAIL PREQ CHG														M E	585	
A A	589 SPEC TPCS SOLD MECH Special Topics in Solid Mechanics	AUT/2005 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.
	COMMENT:WAS A A 583																
A A	590 SPCL TPC APPL ANLYS SPECIAL TOPICS IN APPLIED ANALYSIS	AUT/1976 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.
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	.
	COMMENT:5-16 RETRO MAX														E E	591	
															M E	591	
A A	593 FEEDFORWARD CONTROL Feedforward Control	SPR/2006 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	M E	593 M E	593 .
															E E	593	
A A	594 ROBUST CONTROL Robust Control	WIN/2010 - AUT/9999	3.0	A A	594 E E	594 .	
	COMMENT:CHG PREQ														M E	594	

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				-ALL	U		GRD	E	U	N	E	P	&	N			
A E	501 ANALYTICAL METHODS Analytical Methods for Aerospace Engineering	AUT/2013 - AUT/9999	4.0
				LAST UPDT: 6/06/13		APPROVED: 6/04/13											
A E	510 LINEAR SYSTEMS Linear Systems Theory	AUT/2014 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:11/19/14		APPROVED:11/18/14											
A E	511 CLASSICAL CONTROL Classical Control Theory	AUT/2014 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:11/19/14		APPROVED:11/18/14											
A E	512 STABILITY & CONTROL Dynamics, Stability, and Control of Vehicles	AUT/2014 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:11/19/14		APPROVED:11/18/14											
A E	519 AE TOPICS: CONTROLS Special Topics in Aerospace Engineering: Controls	AUT/2014 - AUT/9999	4.0	8.0	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:11/19/14		APPROVED:11/18/14											
A E	520 FUND FLUID DYNAMICS Fundamentals of Fluid Dynamics	AUT/2014 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 1/08/15		APPROVED:11/18/14											
A E	523 AIRCRAFT NOISE Aircraft Noise	AUT/2014 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:11/21/14		APPROVED:11/18/14											
A E	529 AE TOPICS: FLUIDS Special Topics in Aerospace Engineering: Fluids	AUT/2014 - AUT/9999	4.0	8.0	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:11/21/14		APPROVED:11/18/14											
A E	532 ROCKET PROPULSION Rocket Propulsion	AUT/2014 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:11/21/14		APPROVED:11/18/14											
A E	539 AE TOPICS: P/P/P Special Topics in Aerospace Engineering: Propulsion, Plasma, and Power	AUT/2014 - AUT/9999	4.0	8.0	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:11/21/14		APPROVED:11/18/14											
A E	540 MECHANICS OF SOLIDS Mechanics of Solids	AUT/2014 - AUT/9999	4.0
				LAST UPDT:11/21/14		APPROVED:11/18/14											

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					-ALL	U		GRD	E	U	N	E	P	&	N			
A E	541	FINITE ELM ANALYSIS Finite Element Analysis	AUT/2014 - AUT/9999	4.0
					LAST UPDT:11/21/14		APPROVED:11/18/14											
A E	542	FATIGUE & FRACTURE Fatigue and Fracture in Aerospace Structures	AUT/2014 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
					LAST UPDT:11/21/14		APPROVED:11/18/14											
A E	549	AE TOPICS: STRUC Special Topics in Aerospace Engineering: Structures	AUT/2014 - AUT/9999	4.0	8.0	.	.	.	.	.	.	.	.	.	.	.	.	.
					LAST UPDT:11/21/14		APPROVED:11/18/14											
A E	550	MECH OF COMPOSITES Mechanics of Composite Materials	AUT/2014 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
					LAST UPDT:11/21/14		APPROVED:11/18/14											
A E	553	ADV COMPOSITE STRUC Advanced Composite Structural Analysis	AUT/2014 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
					LAST UPDT:11/21/14		APPROVED:11/18/14											
A E	559	AE TOPICS: COMPSTS Special Topics in Aerospace Engineering: Composites	AUT/2014 - AUT/9999	4.0	8.0	.	.	.	.	.	.	.	.	.	.	.	.	.
					LAST UPDT:11/21/14		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											