

DATE: 07-07-2014  
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UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM  
 DETAILED CURRICULUM REPORT  
 Seattle CAMPUS

REPORT: SR21010-R-01 K  
 PAGE: 1,156

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			
A A	101 AIR/SPACE VEHICLES AIR AND SPACE VEHICLES	AUT/1997 - AUT/9999	5.0	.	.	.	.	Y	.	.	Y	.	.	.	.	.	.
				LAST UPDT: 7/22/04 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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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						
A A 400	GAS DYNAMICS Gas Dynamics	WIN/2010 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	
				LAST UPDT: 3/24/10												
				COMMENT:10-12 PREQ CHG												
A A 401	FLUID MECHANICS FLUID MECHANICS	WIN/1984 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	
				LAST UPDT:10/02/06												
				COMMENT:CHANGE DESCRIPTION												
A A 402	FLUID MECHANICS Fluid Mechanics	SUM/2013 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	
				LAST UPDT: 6/05/13												
				COMMENT:CHG DESC												
A A 405	AEROSPACE PLASMAS Introduction to Aerospace Plasmas	AUT/2000 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	
				LAST UPDT: 2/28/00												
				COMMENT:CD PROOF PREREQ CHANGE												
A A 406	PLASMA PROC GAS DCH GAS DISCHARGES FOR PLASMA PROC & OTH APPLICATIONS	WIN/2000 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	
				LAST UPDT:10/02/06 APPROVED: 6/01/99												
				COMMENT:WAS ENGR 450												
A A 409	COMPUTER TOOLS COMPUTER TOOLS FOR AEROSPACE ENGINEERS	AUT/2007 - AUT/9999	2.0	.	.	.	.	.	.	.	.	.	.	.	.	
				LAST UPDT: 5/16/07 APPROVED:12/30/98												
				COMMENT:CHG TITLES												
A A 410	AIRCRAFT DESIGN I Aircraft Design I	WIN/1991 - AUT/9999	4.0	.	.	12	.	Y	.	.	.	.	.	.	.	
				LAST UPDT:10/26/10												
				FEE TYPE:1 \$50.00 BUDGET:069310 REV OBJ CD:943081												
A A 411	AIRCRAFT DESIGN II Aircraft Design II	AUT/2000 - AUT/9999	4.0	.	.	22	.	Y	.	.	.	.	.	.	.	
				LAST UPDT:10/26/10												
				FEE TYPE:1 \$50.00 BUDGET:069310 REV OBJ CD:943081												
				COMMENT:EMAIL PREREQ CHANGE												
A A 419	AEROSPACE HEAT TSFR Aerospace Heat Transfer	AUT/2000 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	
				LAST UPDT: 2/28/00 APPROVED:12/06/91												
				COMMENT:CD PROOF PREREQ CHANGE												

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				-ALL	U	GRD	E						
A A	420 SPACE SYS DESIGN I Spacecraft and Space Systems Design I	WIN/1994 - AUT/9999	4.0	.	.	12	.	Y	.	.	.	.	
	COMMENT:CHANGE DESCRIP, PREREQUISITES			LAST UPDT:10/26/10 APPROVED: 6/28/79 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	.	.	.	.	
	COMMENT:EMAIL PREREQ CHANGE			LAST UPDT:10/26/10 APPROVED:10/27/89 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	.	.	.	.	.	.	.	.	.	
	COMMENT:CHG TITLES			LAST UPDT: 6/15/09									
A A	431 PLATES AND SHELLS PLATES AND SHELLS	WIN/1976 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	
	COMMENT:CHANGE DESCRIPTION			LAST UPDT: 4/03/97									
A A	432 AERO COMPOSITES Composite Materials for Aerospace Structures	AUT/2000 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	
	COMMENT:EMAIL PREREQ CHANGE			LAST UPDT: 2/28/00 APPROVED: 2/23/89									
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	.	.	.	.	
	COMMENT:10-12 PREQ CHG			LAST UPDT: 3/24/10 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	.	.	.	.	.	.	.	.	.	
	COMMENT:CHG DESC			LAST UPDT: 6/05/13									
A A	448 CTRL SYS SEN & ACT Control Systems Sensors and Actuators	WIN/2014 - AUT/9999	3.0	.	.	.	.	Y	.	.	.	.	
	COMMENT:DROP JT STATUS, CHG PREQ, DESC			LAST UPDT: 6/05/13 APPROVED:12/06/93 FEE TYPE:1 \$45.00 BUDGET:069330 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	MAX P SYS D HYPH M R E	A S W T P R G	COURSE	COURSES	I							
A A	449 SPCL TOPIC IN CNTRL Special Topics in Controls	SPR/2013 - AUT/9999	3.0-05.0	5.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
					LAST UPDT: 1/16/13 APPROVED: 1/15/13															
A A	461 ADV AIRBREATH PROPL Advanced Air Breathing Propulsion	SUM/2013 - AUT/9999	3.0		.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
					LAST UPDT: 6/05/13															
					COMMENT:CHG DESC															
A A	462 ROCKET PROPULSION Rocket Propulsion	SUM/2011 - AUT/9999	3.0		.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
					LAST UPDT: 5/16/11 APPROVED:10/27/89															
					COMMENT:CHG DESC															
A A	470 SYSTEMS ENGINEERING Systems Engineering	AUT/2007 - AUT/9999	4.0		.	.	.	.	.	.	.	.	.	.	.	.	.	IND E 470	IND E 470	.
					LAST UPDT: 6/26/07 APPROVED: 6/01/99															
					COMMENT:WAS A A 280, CHG TLS, PRQ,DESC															
A A	480 SYSTEMS DYNAMICS Systems Dynamics	AUT/2000 - AUT/9999	3.0		.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
					LAST UPDT: 2/11/14															
					COMMENT:EMAIL PREREQ CHANGE															
A A	481 AEROELASTICITY INTRODUCTION TO AEROELASTICITY	SPR/1994 - AUT/9999	3.0		.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
					LAST UPDT: 4/03/97															
					COMMENT:CHANGE DESCRIPTION															
A A	482 AERO ACOUSTICS AERONAUTICAL ACOUSTICS	AUT/1972 - AUT/9999	3.0		.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
					LAST UPDT: 4/03/97 APPROVED: 4/27/72															
A A	496 UNDERGRAD SEMINAR Undergraduate Seminar	SPR/2009 - AUT/9999	1.0	4.0	.	CR/NC	.	.	.	.	.	.	.	.	.	.	.	.	.	.
					LAST UPDT: 3/18/09 APPROVED:11/14/06															
					COMMENT:CHG MAX CREDITS															
A A	497 AERO INDUSTRY TOUR AEROSPACE INDUSTRY TOUR	SPR/2003 - AUT/9999	1.0	2.0	.	CR/NC	.	.	.	.	.	.	.	.	.	.	.	.	.	.
					LAST UPDT: 3/19/03 APPROVED: 6/28/00															
					COMMENT:CORRECTION-ADD MAX CREDITS															









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				-ALL U	GRD		U	N	E	P	&	N	C	M			
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		U N E	P	& N C M S N	A S W T P R G							
A A 558	PLASMA THEORY Plasma Theory	SUM/1998 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:REPLACES A A 557																
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																
A A 560	PLASMA DIAGNOSTICS Plasma Diagnostics	WIN/2007 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
A A 564	KIN THRY RADIAT TR Kinetic Theory/Radiative Transfer	AUT/2009 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:WAS A A 503																
A A 565	FUSION REACTOR FNDR Fusion Reactor Fundamentals	WIN/1993 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:WAS NUC E 565																
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	.	.
															M E 570		
A A 571	PRIN OF DYNAM I Principles of Dynamics I	AUT/1969 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
A A 578	OPTIMIZATN SYST SCI Optimization in System Sciences	AUT/2005 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	A A 578	E E 578	.	.
															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	.	.
															M E 580		
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		



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				-ALL U	GRD		E	U N E	P & N		C M S N	L I	E C Q T				
A A	596 GISE PROJECT Global Integrated Systems Engineering Project	SPR/2011 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	IND E 596	IND E 596	.	
				LAST UPDT: 8/27/10		APPROVED: 8/24/10											
A A	597 NETWORKED DYN SYS Networked Dynamics Systems	AUT/2008 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	A A 597	E E 597	.	
				LAST UPDT: 2/20/08		APPROVED: 2/19/08		M E 597									
A A	598 SPECIAL TOPICS Special Topics in Aeronautics and Astronautics	AUT/2009 - AUT/9999	1.0-05.0	30.0	Y	.	.	.	.	.	.	.	.	.	.	.	
				LAST UPDT: 5/16/13		APPROVED: 6/16/09		COMMENT:5/2013 RETRO MAX									
A A	599 SPECIAL PROJECTS Special Projects	SPR/1976 - AUT/9999	1.0-05.0	30.0	Y	.	.	.	.	.	.	.	.	.	.	.	
				LAST UPDT: 5/16/13		COMMENT:5/2013 RETRO MAX											
A A	600 INDEPN DNT STDY/RSCH Independent Study or Research	SUM/1969 - AUT/9999	0.0	999.0	Y	.	11	.	.	.	.	.	.	.	.	.	
				LAST UPDT: 5/07/12													
A A	700 MASTERS THESIS Master's Thesis	WIN/1963 - AUT/9999	0.0	999.0	Y	.	11	.	.	.	.	.	.	.	.	.	
				LAST UPDT: 5/07/12		APPROVED: 1/01/70											
A A	800 DOCTORAL DISSERTATN Doctoral Dissertation	AUT/1970 - AUT/9999	0.0	999.0	Y	.	11	.	.	.	.	.	.	.	.	.	
				LAST UPDT: 5/07/12		APPROVED: 1/01/70											

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					-ALL U	GRD		E	U	N	E	P	&	N	C				M	S	N	I
					MAX	P	SYS	D	HYPH	M	R	E	A	S	W	T	P	R	G	COURSE	COURSES	T
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	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																	