

DATE: 10-08-2018  
 TIME: 20:10:03

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM  
 DETAILED CURRICULUM REPORT  
 Seattle CAMPUS

REPORT: SR21010-R-01 K  
 PAGE: 1,185

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: 8/08/18 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	AUT/2018 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 8/10/18													
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/2016 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 8/25/16 APPROVED: 6/03/71													
A A	312 STRUCT VIBRATIONS Structural Vibrations	AUT/2000 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 2/28/00 APPROVED: 7/29/71 COMMENT:CD PROOF PREREQ CHANGE													

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				-ALL U	GRD		U	E	U	N	E	P	& N	C			
A A	320 AEROSPACE INSTR Aerospace Instrumentation	AUT/2016 - AUT/9999	3.0	.	.	.	.	Y	.	.	.	.	.	.	.	.	.
				LAST UPDT: 8/25/16 APPROVED: 5/22/63													
				FEE TYPE:1 \$15.00 BUDGET:069310 REV OBJ CD:943081													
A A	321 AEROSPACE LAB I Aerospace Laboratory I	WIN/2017 - AUT/9999	3.0	.	.	.	.	Y	.	.	.	.	.	.	.	.	.
				LAST UPDT:10/04/17 APPROVED: 5/23/63													
				FEE TYPE:1 \$50.00 BUDGET:069626 REV OBJ CD:943081													
A A	322 AEROSPACE LAB II Aerospace Laboratory II	SPR/2016 - AUT/9999	3.0	.	.	.	.	Y	.	.	.	.	.	.	.	.	.
				LAST UPDT: 4/10/17 APPROVED: 5/23/63													
				FEE TYPE:1 \$50.00 BUDGET:069626 REV OBJ CD:943081													
A A	330 STRUCTRL ANLYS I STRUCTURAL ANALYSIS I	AUT/1996 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 4/02/97													
				COMMENT:CHANGE DESCRIPTION													
A A	331 AEROSPACE STRUCT I Aerospace Structures I	SUM/2013 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 6/13/13													
				COMMENT:CHG DESC													
A A	332 AEROSPACE STRUCT II Aerospace Structures II	SUM/2013 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 6/13/13													
				COMMENT:CHG DESC													
A A	360 PROPULSION Propulsion	SPR/2013 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 2/14/13 APPROVED:12/30/98													
				COMMENT:EMAIL PREQ CHG													
A A	370 INTRO APPLIED ANLYS INTRODUCTION TO APPLIED ANALYSIS	SPR/1996 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:11/03/97 APPROVED: 9/18/69													
				COMMENT:CHANGE DESCRIPTION													
A A	395 UNDERGRAD SEMINAR Undergraduate Seminar	AUT/2017 - AUT/9999	1.0	4.0	.	CR/NC	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 6/12/17 APPROVED:11/14/06													

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CURRIC	NUM	COURSE TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER D		D	S H F			V L E E W					RESPONS	JOINT	O
						-ALL	U		GRD	E	U	N	E	P	&	N			
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	VISC FLUID MECHANICS Viscous Fluid Mechanics	SPR/2018 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
						LAST UPDT:10/18/17													
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 Processes and Other Applications	WIN/2000 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
						LAST UPDT: 8/07/18 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/2017 -	AUT/9999	4.0	.	.	12	.	.	Y	.	.	.	.	.	.	.	.
						LAST UPDT: 8/25/16													
						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: 2/10/17													
						COMMENT:EMAIL PREREQ CHANGE FEE TYPE:1 \$50.00 BUDGET:069626 REV OBJ CD:943081													
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	U	N	E	P	&	N				C
A A	420 SPACE SYS DESIGN I Spacecraft and Space Systems Design I	WIN/2017 - AUT/9999	4.0	.	.	12	.	.	Y	.	.	.	.	.	.	.	.	.
				LAST UPDT: 2/10/17 APPROVED: 6/28/79														
				FEE TYPE:1 \$50.00 BUDGET:069626 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: 4/10/17 APPROVED:10/27/89														
				COMMENT:EMAIL PREREQ CHANGE FEE TYPE:1 \$50.00 BUDGET:069626 REV OBJ CD:943081														
A A	430 FINTE ELEMENT ANALYS Finite Element Analysis in Aerospace	AUT/2009 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 4/25/18														
				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: 4/25/18 APPROVED: 2/23/89														
				COMMENT:EMAIL PREREQ CHANGE														
A A	440 FLIGHT MECH I Flight Mechanics I	WIN/2017 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 8/11/16														
A A	441 FLIGHT TEST ENGR Flight Test Engineering	SPR/2018 - AUT/9999	3.0	.	.	.	.	.	Y	.	.	.	.	.	.	.	.	.
				LAST UPDT:12/20/17														
				FEE TYPE:1 \$45.00 BUDGET:069626 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	SPR/2018 - AUT/9999	3.0	.	.	.	.	.	Y	.	.	.	.	.	.	.	.	.
				LAST UPDT: 1/25/18 APPROVED:12/06/93														
				FEE TYPE:1 \$45.00 BUDGET:069330 REV OBJ CD:943081														

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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	P	GRD	E	U	N	E	P			
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 AIRBREATH PROPL Air Breathing Propulsion	SPR/2018 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:10/18/17													
A A	462 ROCKET PROPULSION Rocket Propulsion	WIN/2017 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 5/11/18		APPROVED:10/27/89											
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: 4/25/18													
				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	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													
A A	498 SPECIAL TOPICS Special Topics	WIN/2007 - AUT/9999	1.0-05.0	15.0	Y	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 2/10/17		APPROVED: 6/25/81											
				COMMENT:CHG CREDITS, TITLES													
A A	499 UNDERGRAD RESEARCH Undergraduate Research	SPR/2006 - AUT/9999	1.0-05.0	10.0	Y	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 3/21/06													
				COMMENT:CHG TITLES, DESCR													





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				-ALL	U		GRD	E	U	N	E	P	&	N			
A A 527	SPACE POWER SYSTEM Space Power Systems	WIN/2009 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 1/21/09		APPROVED: 1/20/09											
A A 528	SPACE DYN & CONTROL Spacecraft Dynamics and Control	WIN/2008 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:10/30/07		APPROVED:10/30/07											
A A 529	SPACE PROPULSION Space Propulsion	AUT/1972 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 4/03/97		APPROVED: 9/18/69											
A A 530	MECHANICS OF SOLIDS Mechanics of Solids	AUT/1989 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 4/03/97		COMMENT:CHANGE DESCRIPTION											
A A 531	INTEG MET STRUCT Integrity of Metallic Aircraft Structures	AUT/2009 - WIN/2019	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 9/20/18		COMMENT:CHG TITLES, DESC											
A A 531	FRACTURE & SCALING Quasibrittle Fracture Mechanics and Scaling	SPR/2019 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 9/20/18													
A A 532	MECH COMP MATERIALS Mechanics of Composite Materials	WIN/2012 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:12/08/11		COMMENT:EMAIL PREQ CHG											
A A 533	MTRLs & PROCESS TECH Materials and Processing Technology of Aerospace Composites	WIN/2012 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 5/05/17		APPROVED: 1/18/11											
				COMMENT:EMAIL PREQ CHG													
A A 534	COMPOSITE STRUCT Integrity of Composite Aircraft Structures	WIN/2012 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 5/05/17		APPROVED: 9/15/09											
				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	.
				LAST UPDT: 2/29/12		APPROVED: 2/28/12											



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				-ALL U	GRD		E	U N E	P	& N C M S N	A S W T P R G						
A A	538	STRUCTURAL OPTIM Introduction to Structural Optimization	SUM/2008 - AUT/9999 3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 5/21/08		APPROVED: 5/20/08											
A A	540	FINITE ELM ANLYS I Finite Element Analysis I	WIN/1984 - AUT/9999 3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 4/03/97		COMMENT:CHANGE DESCRIPTION											
A A	541	FINITE ELM ANLYS II Finite Element Analysis II	WIN/1984 - AUT/9999 3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 4/03/97		COMMENT:CHANGE DESCRIPTION											
A A	543	CFD Computational Fluid Dynamics	AUT/2010 - AUT/2018 3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 6/11/18		COMMENT:CHG TITLES, DESC											
A A	543	COMPRESSIBLE CFD Computational Fluid Dynamics of Compressible Flows	WIN/2019 - AUT/9999 3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 6/11/18													
A A	544	TURBULENCE MODELING Turbulence Modeling and Simulation	AUT/2010 - AUT/2018 3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 6/11/18		APPROVED: 6/23/83		COMMENT:CHG TITLES, DESC, PREQ									
A A	544	INCOMPRESSIBLE CFD Computational Fluid Dynamics of Incompressible Flows	WIN/2019 - AUT/9999 3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 6/11/18		APPROVED: 6/23/83											
A A	545	COMP MTHDS PLASMAS Computational Methods for Plasmas	SPR/2007 - AUT/9999 3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:12/13/06		APPROVED:12/13/06											
A A	546	ADV TPCS CTRL SYST Advanced Topics in Control System Theory	AUT/2005 - AUT/9999 3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 3/31/05		APPROVED: 3/29/05											
A A	547	LINEAR SYSTEMS Linear Systems Theory	AUT/2005 - AUT/9999 4.0	.	.	.	.	.	.	.	.	.	.	E E	547 E E	547	.
				LAST UPDT: 3/31/05		APPROVED: 6/21/99		COMMENT:CHG JOINT #S,PREREQ									
														M E		547	.



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				-ALL U	GRD		E	U N E	P & N C M S N	A S W T 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																	
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	.	.	.	.	.	.	.	.	.	.	.	.	.	.
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																	
A A 565	FUSION REACTOR FNDM 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	.	.
LAST UPDT: 4/05/07 APPROVED: 2/21/07																	
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	CONVEX OPTIMIZATION Convex Optimization	AUT/2017 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	E E 578	M E 578	.	.
LAST UPDT: 5/31/18 APPROVED: 3/29/05																	
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: 2/25/16 APPROVED: 2/21/07																	
M E 580																	

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				-ALL	U		GRD	E	U	N	E	P	&	N			
A A	581 DIGITAL CONTROL SYS Digital Control System Design	WIN/2017 - AUT/9999	4.0	.	.	.	.	Y	.	.	.	.	.	.	M E	581 E E	581 .
																M E	581
																	FEE TYPE:1 \$50.00 BUDGET:069397 REV OBJ CD:943081
A A	582 DISCRETE EVENT SYS Introduction to Discrete Event Systems	AUT/2005 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	M E	582 E E	582 .
																M E	582
																	COMMENT:CHG TITLES, DESCRIP, PREREQ
A A	583 NONLINEAR CONTR SYS Nonlinear Control Systems	AUT/2005 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	E E	583 M E	583 .
																E E	583
																	COMMENT:CHANGED JOINT STATUS-NEW A A
A A	585 SYS ID & ADAPT CTRL System Identification and Adaptive Control	AUT/2012 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	E E	585 E E	585 .
																M E	585
																	COMMENT:EMAIL PREQ CHG
A A	589 SPEC TPCS SOLD MECH Special Topics in Solid Mechanics	AUT/2005 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.			
																	LAST UPDT: 9/28/09
																	COMMENT:WAS A A 583
A A	590 SPCL TPC APPL ANLYS SPECIAL TOPICS IN APPLIED ANALYSIS	AUT/1976 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.			
																	LAST UPDT: 4/03/97 APPROVED: 7/29/71
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	.
																E E	591
																M E	591
																	COMMENT:5-16 RETRO MAX
A A	593 FEEDFORWARD CONTROL Feedforward Control	SPR/2006 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	M E	593 E E	593 .
																M E	593
																	LAST UPDT: 3/22/16 APPROVED: 4/25/05
A A	594 ROBUST CONTROL Robust Control	WIN/2010 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	A A	594 E E	594 .
																M E	594
																	COMMENT:CHG PREQ

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				-ALL	U		GRD	E	U	N	E	P	& N	C			
A A	595	GLBL INT SYS ENGR Global Integrated Systems Engineering	AUT/2016 - AUT/9999 4.0-05.0	9.0	.	.	11	.	.	.	.	.	.	.	IND E 595	IND E 595	.
				LAST UPDT: 1/10/17		APPROVED: 6/17/08											
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											
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	A S W T P R G						
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	513 MULTIVAR CTRL Multivariable Control	SUM/2018 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 7/05/18		APPROVED: 2/21/17											
A E	514 ESTIMATION THEORY Estimation Theory	SUM/2018 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 7/05/18		APPROVED: 2/21/17											
A E	519 AE TOPICS: CONTROLS Special Topics in Aerospace Engineering: Controls	AUT/2018 - AUT/9999	4.0	8.0	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:12/16/16		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	521 AIRCRAFT PROPULSIONS Aircraft Propulsions	WIN/2018 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:10/25/17		APPROVED: 2/21/17											
A E	522 ROCKET PROPULSION Rocket Propulsion	AUT/2017 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 3/03/17		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											

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					-ALL	U		GRD	E	U							
A E	524 COMPUT AERODYN Computational Aerodynamics	WIN/2018 - AUT/9999		4.0	.	.	.	.	.	.	.	.	.	.	.	.	.
					LAST UPDT:10/25/17		APPROVED: 2/21/17										
A E	529 AE TOPICS: FLUIDS Special Topics in Aerospace Engineering: Fluids	AUT/2018 - AUT/9999		4.0	8.0	.	.	.	.	.	.	.	.	.	.	.	.
					LAST UPDT:12/16/16		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: 5/31/17		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										
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	543 STRUCT VIBRATIONS Structural Vibrations	WIN/2018 - AUT/9999		4.0	.	.	.	.	.	.	.	.	.	.	.	.	.
					LAST UPDT:10/25/17		APPROVED: 2/21/17										
A E	544 ADDITIVE MANUFACTUR Additive Manufacturing	SUM/2018 - AUT/9999		4.0	.	.	.	.	.	.	.	.	.	.	.	.	.
					LAST UPDT: 7/05/18		APPROVED: 2/21/17										
A E	549 AE TOPICS: STRUC Special Topics in Aerospace Engineering: Structures	AUT/2018 - AUT/9999		4.0	8.0	.	.	.	.	.	.	.	.	.	.	.	.
					LAST UPDT:12/16/16		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	551 AERO COMP DESIGN I Aerospace Composite Design I	WIN/2018 - AUT/9999		4.0	.	.	.	.	.	.	.	.	.	.	.	.	.
					LAST UPDT:10/25/17		APPROVED: 2/21/17										

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					-ALL	U	GRD	E	U	N	E	P	&	N				C	M
A E	552 AERO COMP DESIGN II Aerospace Composite Design II	WIN/2018 -	AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
					LAST UPDT:10/25/17 APPROVED: 2/21/17												.		
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	554 MANUFACT AERO COMP Manufacture of Aerospace Composites	WIN/2018 -	AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
					LAST UPDT:10/25/17 APPROVED: 2/21/17												.		
A E	559 AE TOPICS: COMPSTS Special Topics in Aerospace Engineering: Composites	AUT/2018 -	AUT/9999	4.0	8.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
					LAST UPDT:12/16/16 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												.		