

DATE: 04-09-2018
 TIME: 20:10:33

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
 DETAILED CURRICULUM REPORT
 Seattle CAMPUS

REPORT: SR21010-R-01 K
 PAGE: 1,172

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: 4/13/17 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/2016 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 8/25/16 APPROVED: 6/03/71													

DATE: 04-09-2018
 TIME: 20:10:33

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
 DETAILED CURRICULUM REPORT
 Seattle CAMPUS

REPORT: SR21010-R-01 K
 PAGE: 1,174

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	S	W	T	P				R	G
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													
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 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/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													

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 TIME: 20:10:33

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 Seattle CAMPUS

REPORT: SR21010-R-01 K
 PAGE: 1,176

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 S W T P R G							
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													
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: 8/11/16 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: 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 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													

DATE: 04-09-2018
 TIME: 20:10:33

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
 DETAILED CURRICULUM REPORT
 Seattle CAMPUS

REPORT: SR21010-R-01 K
 PAGE: 1,180

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	GRD	E	U	N	E	P	&				N	C	M	S	N
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											
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/9999	3.0	.	.	.	.	.	.	.	.	.	.				.
				LAST UPDT: 8/25/10		COMMENT:CHG TITLES, DESC											
A A	544 TURBULENCE MODELING Turbulence Modeling and Simulation	AUT/2010 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.				.
				LAST UPDT: 3/07/11		APPROVED: 6/23/83											
				COMMENT:CHG TITLES, DESC, PREQ													
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		M E									
				COMMENT:CHG JOINT #S,PREREQ													
A A	548 LIN MULTVAR CONTROL Linear Multivariable Control	AUT/2005 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	E E	548 M E	548	.
				LAST UPDT: 3/21/16		E E											
				COMMENT: CHG PREREQ													

DATE: 04-09-2018
 TIME: 20:10:33

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
 DETAILED CURRICULUM REPORT
 Seattle CAMPUS

REPORT: SR21010-R-01 K
 PAGE: 1,182

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		E	U N E	P	& N	C M S N	A S W T P R G	COURSE	COURSES			
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	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	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	.	.
	COMMENT:WAS A A 503																	
A A	571 PRIN OF DYNAM I Principles of Dynamics I	AUT/1969 - AUT/9999		3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:WAS A A 503																	
A A	578 CONVEX OPTIMIZATION Convex Optimization	AUT/2017 - AUT/9999		4.0	.	.	.	.	.	.	.	.	.	A A	578 E E	578	.	.
	COMMENT:WAS A A 503																	
A A	580 GEOMETRIC METHODS Geometric Methods for Non-Linear Control Systems	SPR/2007 - AUT/9999		3.0	.	.	.	.	.	.	.	.	.	A A	580 E E	580	.	.
	COMMENT:WAS A A 503																	
A A	581 DIGITAL CONTROL SYS Digital Control System Design	WIN/2017 - AUT/9999		4.0	.	.	.	.	Y	.	.	.	.	M E	581 E E	581	.	.
	COMMENT:WAS A A 503																	
A A	582 DISCRETE EVENT SYS Introduction to Discrete Event Systems	AUT/2005 - AUT/9999		3.0	M E	582 E E	582	.	.
	COMMENT:WAS A A 503																	
	COMMENT:CHG TITLES, DESCRIP, PREREQ																	

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REPORT: SR21010-R-01 K
 PAGE: 1,183

COLLEGE : J - Engineering
 DEPARTMENT: AERONAUTICAL & ASTRO

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				-ALL	U		GRD	E	U	N	E	P	&	N			
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 E E	593 .
															M 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	
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 .
A A	596 GISE PROJECT Global Integrated Systems Engineering Project	SPR/2011 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	IND E	596 IND E	596 .
A A	597 NETWORKED DYN SYS Networked Dynamics Systems	AUT/2008 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	A A	597 E E	597 .
															M E	597	

DATE: 04-09-2018
 TIME: 20:10:33

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		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	WIN/2018 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:10/25/17		APPROVED: 2/21/17											
A E	514 ESTIMATION THEORY Estimation Theory	WIN/2018 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:10/25/17		APPROVED: 2/21/17											
A E	519 AE TOPICS: CONTROLS Special Topics in Aerospace Engineering: Controls	SPR/2017 - SUM/2018	4.0	16.0	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:12/16/16		APPROVED:11/18/14											
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											

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 TIME: 20:10:33

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 Seattle CAMPUS

REPORT: SR21010-R-01 K
 PAGE: 1,186

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 DEPARTMENT: AERONAUTICAL & ASTRO

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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	523 AIRCRAFT NOISE Aircraft Noise	AUT/2014 - AUT/9999	4.0
				LAST UPDT:11/21/14		APPROVED:11/18/14											
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	SPR/2017 - SUM/2018	4.0	16.0	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:12/16/16		APPROVED:11/18/14											
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	WIN/2018 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:10/25/17		APPROVED: 2/21/17											
A E	549 AE TOPICS: STRUC Special Topics in Aerospace Engineering: Structures	SPR/2017 - SUM/2018	4.0	16.0	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:12/16/16		APPROVED:11/18/14											

DATE: 04-09-2018
 TIME: 20:10:33

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
 DETAILED CURRICULUM REPORT
 Seattle CAMPUS

REPORT: SR21010-R-01 K
 PAGE: 1,187

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	E	U	N	E	P	&	N			
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											
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	SPR/2017 - SUM/2018	4.0	16.0	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:12/16/16		APPROVED:11/18/14											
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											