

**Fall 2016 Teaching Schedule**  
**Mechanical and Aerospace Engineering**  
**March 18, 2016**

**THIS SCHEDULE IS SUBJECT TO FREQUENT CHANGES**

COURSE	SECTION # FOR ON CAMPUS only	COURSE TITLE	CR	Gor Rule	JOIN	Meet Times				Labs Meet Time	Bldg/Rm	Labs Bldg/Rm	SIZE	INSTRUCTOR	EDGE & REEF SECTION #'s OFF CAMPUS STUDENTS only & other MAE Deptx #'s			
EAS 3020C	008G	Introduction to Flight	3			MWF	3				CSE E220		50	Fitz-Coy/Lind/Abbitt				
EAS 4101	148B	Aerodynamics	3			MWF	3				MAEB 211		86	Ukeley				
EAS 4132	7601	Compressible Flow	3		1	MWF	2				NEB 100		40	Segal				
EAS 4200C	2A42	Aerospace Structures	3			MWF	8				MAEA 303		110	Sankar				
EAS 4400	7632	Stability & Control of Aircraft	3			MWF	5				MAEA 303		100	Lind				
EAS 4700	0075	Aerospace Design I	3			MW	9-10				PUGH 170		120	Bevilacqua				
EAS 4939	148G	Rocket Propulsion	3			MWF	6				MAEB 229		20	Jackson, Tom				
EAS 5938	1481	Rocket Propulsion	3			MWF	6				MAEB 229		20	Jackson, Tom				
EAS 6939	1B90	Advanced Astrodynamics	3			MWF	5				MAEB 234		28	Conklin				
EGM 2511	01G5	Engineering Mechanics-Statics	3		A	MWF	8				NEB 100		550	Dickrell	WEB COURSE			
EGM 3344	09DG	Intro Numerical Methods Engr Analysis	3			MWF	8				TUR L005		145	Mei				
EGM 3344	2605	Intro Numerical Methods Engr Analysis	3			MWF	9				TUR L011		135	Thakur				
EGM 3401	12EA	Engineering Mechanics-Dynamics	3			MWF	7				RNK 110		100	Rao				
EGM 3401	1600	Engineering Mechanics-Dynamics	3			MWF	8				MCCC 100		100	Rao				
EGM 3520	1F29	Mechanics of Materials	3			MWF	3				MAEA 303		100	Simmons				
EGM 3520	1601	Mechanics of Materials	3			MWF	4				WEIL 270		130	Spearot				
EGM 3520	2607	Mechanics of Materials	3			MWF	7				LIT 109		100	Ifju				
EGM 4853	0676	BioFluid & Bioheat	3			MWF	4				CHE 237		45	Samtinoranont				
EGM 5121C	0745	Data Measurement and Analysis	3			MWF	3				NEB 102		74	Angelini				
EGM 5533	2H01	Appl Elasticity/Adv Mech of Solids	3			MWF	4				NEB 201		100	Sankar				
EGM 6321	1610	Principles of Engineering Analysis I	3			T	8	R	7-8		CSE E118		60	Cazacu				
EGM 6812	1615	Fluid Mechanics I	3			MWF	3				CSE E118		60	Mohseni				
EGM 6936	1617	Graduate Seminar	1			T	9-10				MAEA 303		114	Ehlers, Karen				
EGM 7819	15F5	Advanced topics in CFD	3			T	5-6	R	6		MAEA 327		32	Balachandar				
EGN 3353C	07D8	Fluid Mechanics	3			T	3				NEB 101		57	Carroll				
EGN 3353C	07D9	Fluid Mechanics	3			T	3				WEB		15	Carroll	Must be available TR 3			
EGN 3353C	261G	Fluid Mechanics	3			T	4				NEB 101		60	Carroll				
EGN 3353C	6364	Fluid Mechanics	3			T	4				WEB		15	Carroll	Must be available TR 4			
EML 2023	1004	Computer Aided Graphics & Design	3			MWF	6				WEIL 270		200	Crane				
EML 2023	22AC	Computer Aided Graphics & Design	3			MWF	6				WEB		20	Crane	Must be available MWF 6			
EML 2023	22AD	Computer Aided Graphics & Design	3			MWF	7				WEIL 270		200	Crane				
EML 2023	22AE	Computer Aided Graphics & Design	3			MWF	7				WEB		20	Crane	Must be available MWF 7			
EML 2322L	02F4	Design & Manufacturing Lab	2	2		T	3			T	5-6	TUR L005	MAEC 0002	16	Braddock			
EML 2322L	04AH	Design & Manufacturing Lab	2	2		T	3			T	7-8	TUR L005	MAEC 0002	16	Braddock			
EML 2322L	061H	Design & Manufacturing Lab	2	2		T	3			T	9-10	TUR L005	MAEC 0002	16	Braddock			
EML 2322L	16AF	Design & Manufacturing Lab	2	2		T	3			W	2-3	TUR L005	MAEC 0002	16	Braddock			
EML 2322L	Deptx	Design & Manufacturing Lab	2	2		T	3			W	4-5	TUR L005	MAEC 0002	16	Braddock			
EML 2322L	4503	Design & Manufacturing Lab	2	2		T	3			W	7-8	TUR L005	MAEC 0002	16	Braddock			
EML 2322L	7043	Design & Manufacturing Lab	2	2		T	3			W	9-10	TUR L005	MAEC 0002	16	Braddock			
EML 2322L	7044	Design & Manufacturing Lab	2	2		T	3			R	2-3	TUR L005	MAEC 0002	16	Braddock	Honors Section		
EML 2322L	7079	Design & Manufacturing Lab	2	2		T	3			R	4-5	TUR L005	MAEC 0002	16	Braddock			
EML 2322L	7080	Design & Manufacturing Lab	2	2		T	3			R	7-8	TUR L005	MAEC 0002	16	Braddock			
EML 2322L	7372	Design & Manufacturing Lab	2	2		T	3			R	9-10	TUR L005	MAEC 0002	16	Braddock			
EML 2920	6060	Departmental & Professional Orientation	1			T	6				NPB 1001		325	Sawyer				
EML 3005	1897	ME Design I	3			T	5-6	R	6		TUR L007		100	Arakere				
EML 3005	27C7	ME Design I	3			T	8	R	8-9		WEIL 270		100	Arakere				
EML 3100	4594	Thermodynamics	3			MWF	6				TUR L005		120	Roy				
EML 3100	7259	Thermodynamics	3			MWF	9				MAEA 303		100	Mikolaitis				
EML 3301C	09E2	Mechanics of Materials Lab	3	6	3	T	2			T	3-4	WEIL 270	NSC 316	14	Subhash	Honors Section		
EML 3301C	2078	Mechanics of Materials Lab	3	6	3	T	2			T	5-6	WEIL 270	NSC 316	14	Subhash			
EML 3301C	259F	Mechanics of Materials Lab	3	6	3	T	2			T	7-8	WEIL 270	NSC 316	14	Subhash			
EML 3301C	3296	Mechanics of Materials Lab	3	6	3	T	2			T	9-10	WEIL 270	NSC 316	12	Subhash			
EML 3301C	3298	Mechanics of Materials Lab	3	6	3	T	2			W	2-3	WEIL 270	NSC 316	14	Subhash			
EML 3301C	4764	Mechanics of Materials Lab	3	6	3	T	2			W	4-5	WEIL 270	NSC 316	14	Subhash			
EML 3301C	4776	Mechanics of Materials Lab	3	6	3	T	2			W	6-7	WEIL 270	NSC 316	14	Subhash			
EML 3301C	4777	Mechanics of Materials Lab	3	6	3	T	2			W	8-9	WEIL 270	NSC 316	14	Subhash			
EML 3301C	5431	Mechanics of Materials Lab	3	6	3	T	2			R	3-4	WEIL 270	NSC 316	14	Subhash			
EML 3301C	5600	Mechanics of Materials Lab	3	6	3	T	2			R	5-6	WEIL 270	NSC 316	14	Subhash			
EML 3301C	5648	Mechanics of Materials Lab	3	6	3	T	2			R	7-8	WEIL 270	NSC 316	14	Subhash			
EML 3301C	7597	Mechanics of Materials Lab	3	6	3	T	2			R	9-10	WEIL 270	NSC 316	14	Subhash			
EML 4140	19AA	Heat Transfer	3			MWF	6				FLG 270		120	Moghaddam				
EML 4140	261H	Heat Transfer	3			MWF	3				LIT 109		80	Tran-Son-Tay				
EML 4147C	096C	Thermo-Heat Transfer Design & Lab (Thermal Sciences Design & Lab)	3	4		T	6			T	4-5	CSE A101	NSC 312	12	Abbitt			
EML 4147C	0963	Thermo-Heat Transfer Design & Lab (Thermal Sciences Design & Lab)	3	4		T	6			T	7-8	CSE A101	NSC 312	12	Abbitt			
EML 4147C	12AD	Thermo-Heat Transfer Design & Lab (Thermal Sciences Design & Lab)	3	4		T	6			T	9-10	CSE A101	NSC 312	12	Abbitt			
EML 4147C	6266	Thermo-Heat Transfer Design & Lab (Thermal Sciences Design & Lab)	3	4		T	6			W	2-3	CSE A101	NSC 312	12	Abbitt			
EML 4147C	6289	Thermo-Heat Transfer Design & Lab (Thermal Sciences Design & Lab)	3	4		T	6			W	4-5	CSE A101	NSC 312	12	Abbitt			
EML 4147C	6291	Thermo-Heat Transfer Design & Lab (Thermal Sciences Design & Lab)	3	4		T	6			W	6-7	CSE A101	NSC 312	12	Abbitt			
EML 4147C	6300	Thermo-Heat Transfer Design & Lab (Thermal Sciences Design & Lab)	3	4		T	6			W	8-9	CSE A101	NSC 312	12	Abbitt			
EML 4147C	6320	Thermo-Heat Transfer Design & Lab (Thermal Sciences Design & Lab)	3	4		T	6			W	10-11	CSE A101	NSC 312	12	Abbitt			
EML 4147C	Deptx	Thermo-Heat Transfer Design & Lab (Thermal Sciences Design & Lab)	3	4		T	6			W	E1-E2	CSE A101	NSC 312	12	Abbitt			
EML 4147C	6326	Thermo-Heat Transfer Design & Lab (Thermal Sciences Design & Lab)	3	4		T	6			R	4-5	CSE A101	NSC 312	12	Abbitt			
EML 4147C	6365	Thermo-Heat Transfer Design & Lab (Thermal Sciences Design & Lab)	3	4		T	6			R	7-8	CSE A101	NSC 312	12	Abbitt			
EML 4147C	6367	Thermo-Heat Transfer Design & Lab (Thermal Sciences Design & Lab)	3	4		T	6			R	9-10	CSE A101	NSC 312	12	Abbitt			
EML 4220	09HG	Vibrations	3			MWF	2				FLG 270		120	Wiens				
EML 4220	3313	Vibrations	3			MWF	7				MCCA G186		100	Sheplak				
EML 4312	09H1	Control of Mechanical Eng Systems	3			MWF	2				RNK 110		100	Barooh				
EML 4312	259H	Control of Mechanical Eng Systems	3			MWF	7				WEIM 1064		120	Dixon				
EML 4304C	081G	Thermo/Fluid Design & Lab (Aerospace Sciences Dsgn & Lab)	3	5		T	2			T	4	TUR L005	NSC 312	6	Abbitt/Carroll/Ukeley			
EML 4304C	081H	Thermo/Fluid Design & Lab (Aerospace Sciences Dsgn & Lab)	3	5		T	2			T	5	TUR L005	NSC 312	6	Abbitt/Carroll/Ukeley			
EML 4304C	0830	Thermo/Fluid Design & Lab (Aerospace Sciences Dsgn & Lab)	3	5		T	2			T	6	TUR L005	NSC 312	6	Abbitt/Carroll/Ukeley			
EML 4304C	084A	Thermo/Fluid Design & Lab (Aerospace Sciences Dsgn & Lab)	3	5		T	2			T	7	TUR L005	NSC 312	6	Abbitt/Carroll/Ukeley			
EML 4304C	084E	Thermo/Fluid Design & Lab (Aerospace Sciences Dsgn & Lab)	3	5		T	2			T	8	TUR L005	NSC 312	6	Abbitt/Carroll/Ukeley			
EML 4304C	0843	Thermo/Fluid Design & Lab (Aerospace Sciences Dsgn & Lab)	3	5		T	2			T	9	TUR L005	NSC 312	6	Abbitt/Carroll/Ukeley			
EML 4304C	0846	Thermo/Fluid Design & Lab (Aerospace Sciences Dsgn & Lab)	3	5		T	2			R	4	TUR L005	NSC 312	6	Abbitt/Carroll/Ukeley			
EML 4304C	0849	Thermo/Fluid Design & Lab (Aerospace Sciences Dsgn & Lab)	3	5		T	2			R	5	TUR L005	NSC 312	6	Abbitt/Carroll/Ukeley			
EML 4304C	085C	Thermo/Fluid Design & Lab (Aerospace Sciences Dsgn & Lab)	3	5		T	2			R	6	TUR L005	NSC 312	6	Abbitt/Carroll/Ukeley			
EML 4304C	0859	Thermo/Fluid Design & Lab (Aerospace Sciences Dsgn & Lab)	3	5		T	2			R	7	TUR L005	NSC 312	6	Abbitt/Carroll/Ukeley			
EML 4304C	0864	Thermo/Fluid Design & Lab (Aerospace Sciences Dsgn & Lab)	3	5		T	2			R	8	TUR L005	NSC 312	6	Abbitt/Carroll/Ukeley			
EML 4304C	087H	Thermo/Fluid Design & Lab (Aerospace Sciences Dsgn & Lab)	3	5		T	2			R	9	TUR L005	NSC 312	6	Abbitt/Carroll/Ukeley			
EML 4304C	Deptx	Thermo/Fluid Design & Lab (Aerospace Sciences Dsgn & Lab)	3	5		T	2			R	10	TUR L005	NSC 312	6	Abbitt/Carroll/Ukeley			
EML 431																		

EML 4314C	7042	Dynamics & Controls System Design Lab	3	6	T R	3		W	3-4	WEIL 270	NSC 320	14	Banks				
EML 4314C	8288	Dynamics & Controls System Design Lab	3	6	T R	3		W	5-6	WEIL 270	NSC 320	14	Banks				
EML 4314C	8291	Dynamics & Controls System Design Lab	3	6	T R	3		W	7-8	WEIL 270	NSC 320	14	Banks				
EML 4314C	8292	Dynamics & Controls System Design Lab	3	6	T R	3		W	9-10	WEIL 270	NSC 320	14	Banks				
EML 4314C	8296	Dynamics & Controls System Design Lab	3	6	T R	3		R	4-5	WEIL 270	NSC 320	14	Banks				
EML 4314C	8299	Dynamics & Controls System Design Lab	3	6	T R	3		R	6-7	WEIL 270	NSC 320	14	Banks				
EML 4314C	8301	Dynamics & Controls System Design Lab	3	6	T R	3		R	8-9	WEIL 270	NSC 320	14	Banks				
EML 4314C	8303	Dynamics & Controls System Design Lab	3	6	T R	3		R	10-11	WEIL 270	NSC 320	14	Banks				
EML 4321	Deptx	Manufacturing Engineering	3		MWF	4				MAEA 303		100	Staff				
EML 4321	2608	Manufacturing Engineering	3		MWF	7				PUGH 170		170	Huang				
EML 4501	3324	ME Design 2	3		MWF	9				NPB 1001		150	Griffis				
EML 4507	16A7	Finite Element Analysis & Design	3		MWF	3				WEIL 270		170	Haftka				
EML 4507	3323	Finite Element Analysis & Design	3		MWF	6				MAEA 303		85	Chen				
EML 4600	261A	Refrig & Air Conditioning Fundamentals	3		MWF	4				MAEB 211		83	Ingley				
EML 4930	0084	Design Realization	3		W	5		T	3-4	WEIM 1094	MAEC 0002	10	Griffis				
EML 4930	01F5	Design Realization	3		W	5		R	5-6	WEIM 1094	MAEC 0002	9	Griffis				
EML 4930	07B0	Advanced Refrigeration	3	7	MWF	8				CSE E122		30	Sherif				
EML 4930	1065	Energy Conversion	3		MWF	4				MAEA 327		30	Chung				
EML 4930	13C5	Solar Energy Utilization	3	8	MWF	5				CSE E118		30	Scheffe				
EML 5215	14HA	Analytical Dynamics	3		MWF	8				NEB 102		74	Fregly				
EML 5318	0852	Computer Control of Machines & Processes	3		MWF	8				NEB 201		100	Schueller				
EML 5465	0870	Energy Management for Mech Engineers	3		MWF	5				CSE E107		60	Ingley				
EML 5526	1460	Finite Element Analysis	3		MWF	5				NEB 201		100	Kim				
EML 5605	088E	Advanced Refrigeration	3	7	MWF	8				CSE E122		30	Sherif				
EML 5714	7046	Intro to Compressible Flow	3	1	MWF	2				NEB 100		60	Segal				
EML 6154	201A	Conduction Heat Transfer	3		MWF	9				NEB 102		74	Moghaddam				
EML 6281	3342	Geometry of Mechanisms and Robots I	3		MWF	2				NEB 102		74	Crane				
EML 6324	4005	Fundamentals of Production Engineering	3		MWF	2				CSE E107		60	Schueller				
EML 6352	09H9	Optimal Estimation & Kalman Filtering			MWF	6				CSE E118		60	Barooh				
EML 6417	089F	Solar Energy Utilization	3	8	MWF	5				CSE E118		30	Scheffe				
EML 6934	13AH	Robust Control for Aerodyn System	3		MWF	4				CSE E118		60	Dickinson				

WEB course Taught by EDGE Reverse EDGE

EDGE & DEP#s

### Courses Taught by (CORE)-Center of Research on Engineering Education

EGM 3400	1597	Elements of Dynamics	2		T R	9				NEB 102		200	Jackson, Philip				
EML 3007	0020	Elements of Thermodynamics Heat Transf	3		MWF	6				NEB 201		100	Jackson, Philip				
COP 2271	2603	Computer Program Engineers-Matlab	2		T R	6				NEB 100		160	Hill, Ira				
COP 2271L	2604	Computer Program Engineers-Matlab Lab	1		W	4-5				NEB 101		60	Hill, Ira	Optional - Not required			
EEL 3003	1465	Elements of Electrical Engineering	3		MWF	7				NEB 100		160	Dickrell, Pam				

### Courses Taught by the College of Engineering Dean's Office

EGS 1006	----	Intro to Engineering	1		W	8-10				----		---	Staff				
EGS 1006	----	Intro to Engineering	1		R	8-10				----		---	Staff				

### IPPD - Individual Study - Internship - CoOp - Research Courses

EAS 4912	Deptx	IPPD 1	3	9	T	8-10				PUGH 170		15					
EML 4912	Deptx	IPPD 1	3	9	T	8-10				PUGH 170		35					
EAS 4905	1341	Individual Study	var									25	----				
EAS 4949	11FG	Co-op Work Experience	1									25	----				
EAS 6905	4201	Aerospace Research	var									50	----				
EAS 6939	11C2	Industry Practicum	var									50	Ehlers, Karen				
EAS 6971	9774	Masters Research	var									50	----				
EAS 7979	9773	Advanced Research	var									50	----				
EAS 7980	9772	Doctoral Research	var									50	----				
EGN 4912	14DC	Engineering Research	var									75	----				
EGN 5949	11F5	Prac/Intern/Co-op Work	var									50	----				
EML 4905	8652	Individual Study in Mechanical Eng.	var									25	----				
EML 4945	1812	Practical Work in Mechanical Eng.	1									50	----				
EML 4949	8648	Co-op Work Experience	1									50	----				
EML 6905	1846	Indy Proj Mech Engr	var									50	----				
EML 6934	11C6	Industry Practicum	var									50	Ehlers, Karen				
EML 6971	8642	Masters Research	var									50	----				
EML 7979	2418	Advanced Research	var									125	----				
EML 7980	8639	Doctoral Research	var									75	----				