

Mechanical Engineering Courses

FAMU	FSU	Crse	#	FAMU sect	FSU sect	AREA	UG Track Cert	TITLE	Cr	INSTRUCTOR	BEGIN	END	DAYS	Room	Bldg
SERVICE COURSE															
1448	2754	EML	3100	001	0001			Thermodynamics	2	Chemical Eng: Siegrist, Theo	9:30AM	10:45AM	M W	B210-211	COEB/CE2
CORE UNDERGRADUATE COURSES															
2673	2783	EML	3002	301	0001			ME Tools	2	Van Dommelen	3:30PM	4:45PM	M W	B210	COEB
2674	2784	EML	3002L	L01	0001			ME Tools Lab	3	Larson /Van Dommelen	12:30PM	1:45PM (2:00)	T R	B114 /A144	COEB/CE2
2674	2784	EML	3002L	L01	0001			ME Tools Lab		Larson	12:00PM	2:30PM	F	B114 / A337	COEB/CE2
2674	2784	EML	3002L	L01	0001			ME Tools Lab			3:30 PM	4:45 PM	F	B221	COEB/CE2
2675	2752	EML	3004	301	0001			Intro to ME	3	Kalu	2:00PM	3:15PM	T R	B210	COEB/CE2
2675	2752	EML	3004	301	0001			Intro to ME			5:00PM	6:15PM	W	B210 /B114/A337	COEB/CE2
2878	2838	EML	3011C	C01	0001			Mechanics & Materials I (lecture)	4	Hruda	12:30 PM	1:45PM	M W	B214	COEB/CE2
2878	2838	EML	3011C	C01	0001			Mechanics & Materials I (lab time)			8:00 AM	10:45 AM	F	B210	COEB/CE2
1557	2747	EML	3012C	C01	0001			Mechanics & Materials II	3	Campbell	9:30AM	10:45AM	T R	B210/A337	COEB/CE2
1557	2747	EML	3012C	C01	0001			Mechanics & Materials II (lab)			12:30PM	2:15PM	T	B217	COEB/CE2
1556	2748	EML	3012C	C02	0002			Mechanics & Materials II	3	Campbell	9:30AM	10:45AM	T R	B210/A337	COEB/CE2
1556	2748	EML	3012C	C02	0002			Mechanics & Materials II (lab)			12:30PM	2:15PM	R	B217	COEB/CE2
1555	2749	EML	3012C	C03	0003			Mechanics & Materials II	3	Campbell	9:30AM	10:45AM	T R	B210/A337	COEB/CE2
1555	2749	EML	3012C	C03	0003			Mechanics & Materials II (lab)			2:30PM	4:15PM	T	B217	COEB/CE2
3285	2750	EML	3012C	C04	0004			Mechanics & Materials II	3	Campbell	9:30AM	10:45AM	T R	B210/A337	COEB/CE2
3285	2750	EML	3012C	C04	0004			Mechanics & Materials II (lab)			2:30PM	4:15PM	R	B217	COEB/CE2
3286	2751	EML	3012C	C05	0005			Mechanics & Materials II	3	Campbell	9:30AM	10:45AM	T R	B210/A337	COEB/CE2
3286	2751	EML	3012C	C05	0005			Mechanics & Materials II (lab)			9:30AM	11:15AM	W	B217	COEB/CE2
2879	2839	EML	3013C	C01	0001			Dynamic Systems I (lecture)	4	Moore, C.	8:00 AM	9:15 AM	M W	B136	COEB/CE2
2879	2839	EML	3013C	C01	0001			Dynamic Systems I (computers lab time)			2:30PM	5:10PM	R	A337	COEA/CEB
1766	2753	EML	3014C	C01	0001			Dynamic Systems II	3	Clark	12:30 PM	1:45PM	M W	B135	COEB/CE2
1674	2846	EML	3015C	C01	0001			Thermal-Fluids I	4	Ali (iRattler-Hollis)	11:00AM	12:15PM	M W	B135	COEB/CE2
1674	2846	EML	3015C	C01	0001			Thermal-Fluids I (lab)			11:00AM	1:00 PM	F	B221	COEB/CE2

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3295	2835	EML	3016C	C01	0001			Thermal-Fluids II	4	Ali (iRattler-Hollis)	2:00PM	3:15PM	M W	B214	COEB/CE2
3295	2835	EML	3016C	C01	0001			Thermal-Fluids II (computer lab)			3:30 PM	6:05 PM	F	A337	COEA/CEB
1730	2841	EML	3017C	C01	0001			Mechanical Systems I	4	Moore, C.	9:30AM	10:20 (10:45)AM	M W F	B135	COEB/CE2
1730	2841	EML	3017C	C01	0001			Mechanical Systems I (lab)			2:30 PM	5:30PM	M	A337	COEA/CEB
1863	2842	EML	3017C	C02	0002			Mechanical Systems I	4	Moore, C.	9:30AM	10:20 (10:45)AM	M W F	B135	COEB/CE2
1863	2842	EML	3017C	C02	0002			Mechanical Systems I (lab)			2:30PM	5:30PM	T	A337	COEA/CEB
2882	2836	EML	3018C	C01	0001			Mechanical Systems II	4	Hollis	9:30AM	10:45AM	M W	B214	COEB/CE2
2882	2836	EML	3018C	C01	0001			Mechanical Systems II (lab)			12:30PM	3:00PM	W	A337	COEA/CEB
1093	2746	EML	3234	301	0001			Material Science & Engineering	3	Larbalestier (iRattler-Hollis)	2:00PM	3:15PM	M W	B135	COEB/CE2
2043	2755	EML	3811	301	0001			Mechatronics I	2	Ordonez, C.	11:00AM	11:50AM	F	A322	COEA/CE2
2043	2755	EML	3811	301	0001			Mechatronics I (lab)			2:30PM	5:15PM	T	B324	COEB/CE2
3287	2756	EML	3811	302	0002			Mechatronics I	2	Ordonez, C.	11:00AM	11:50AM	F	A322	COEA/CE2
3287	2756	EML	3811	302	0002			Mechatronics I (lab)			2:30PM	5:15PM	W	B324	COEB/CE2
3288	2757	EML	3811	303	0003			Mechatronics I	2	Ordonez, C.	11:00AM	11:50AM	F	A322	COEA/CE2
3288	2757	EML	3811	303	0003			Mechatronics I (lab)			12:30PM	3:15PM	F	B324	COEB/CE2
2678	2830	EML	4304L	L01	0001			Experiments in Thermal and Fluid Sciences	3	Shih	11:00AM	12:15PM	T R	A317 (or AME106)	COEA/CEB
2678	2830	EML	4304L	L01	0001			Experiments in Thermal and Fluid Sciences (lab)			9:00AM	10:45 AM	T	A109/ A209	COEA/CEB
2681	2840	EML	4304L	L02	0002			Experiments in Thermal and Fluid Sciences	3	Shih	11:00AM	12:15PM	T R	A317 (or AME106)	COEA/CEB
2681	2840	EML	4304L	L02	0002			Experiments in Thermal and Fluid Sciences (lab)			2:00PM	3:45 PM	W	A109/ A209	COEA/CEB
3775	14822	EML	4304L	L03	0003			Experiments in Thermal and Fluid Sciences	3	Shih	11:00AM	12:15PM	T R	A317 (or AME106)	COEA/CEB
3775	14822	EML	4304L	L03	0003			Experiments in Thermal and Fluid Sciences (lab)			9:00AM	10:45 AM	W	A109/ A209	COEA/CEB
2095	2764	EML	4550	301	0001			Engineering Design Methods	3	McConomy	3:30PM	4:45PM	M W	A105	COEA/CEB
1500	2765	EML	4551C	301	0001			Senior Design I	3	McConomy	2:00PM	6:15PM	T R	B135	COEB/CE2
		SDS	3802		0007			Experiential Learning	0-1	http://www.eng.fsu.edu/me/undergrad/research-exp.html					
1063	2845	EML	4905	601 -	0001-			DIS Directed Independent Study	1-3	(Contact Professor then Ms. Stanley to create course number)					
	2860	EML	4970	301	0001			Honors Work (Contact Professor)	3						
		STA	3032		0001	5th MTH		App Stat for Eng/Sci	AT FSU	Required for BSMS	3	11:00AM	12:15PM	T R	OSB - 0108
BSMS COURSE															

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1930	2775	EML	5930	601	0001			BSMS Design Project I (3 cr) in Sp 5 cr	3	Shih	TBA				
UG TECHNICAL ELECTIVES															
2147	2758	EML	4288	301	0001	D&C	DynSys	Vehicle Design	3	Hollis	11:00AM	12:15PM	T R	A226	COEA/CEB
2147	2758	EML	4288	301	0001	D&C	DynSys	Vehicle Design	3	Hollis	11:00AM	12:15PM	T	B114	COEB/CE2
1152	2759	EML	4312	301	0001	D&C	DynSys	Dsgn Anal Ctrl System	3	Hubicki (IRattler-Hollis)	9:30AM	10:45AM	T R	B214	COEB/CE2
1395	2760	EML	4450	301	0001	FM&HT	ThrmFlds	Energy Conversion Systems for Sustainability	3	Ordonez, J.	3:30PM	4:45PM	M W	B221	COEB/CE2
1564	2761	EML	4512	301	0001	FM&HT	ThrmFlds	Thermal Fluid Design	3	Vanderlaan (IRattler-Hollis)	9:30AM	10:45AM	T R	A223	COEA/CEB
1617	2762	EML	4536	301	0001	SM&M	MecMat-MagSciTec	Design using FEM	3	Oates	11:00AM	12:15PM	M W	A337	COEB/CE2
1077	2763	EML	4542	301	0001	SM&M	MecMat	Materials Selection in Design	3	Hellstrom (IRattler-Hollis)	9:30AM	10:45AM	M W	A305	COEA/CEB
3721	13466	EML	4804	301	0001	D&C	DynSys	Mechatronics II	3	Clark	9:30AM	10:45AM	M W	A235	COEA/CEB
2679	2831	EML	4830	301	0001	D&C	DynSys	Intro to Mobile Robotics	3	Ordonez, C.	12:30PM	1:45PM	T R	A226	COEA/CEB
1612	2766	EML	4930	601	0001			Analysis in Mechanical Engineering (Part I)	3	Van Dommelen	12:30PM	1:20PM	M W F	A235	COEA/CEB
2397	2768	EML	4930	603	0003	SM&M		Computational Material Physics (EMA 4813)	3	Lin	9:30AM	10:45AM	T R	A317	COEA/CEB
2806	2818	EML	4930	605	0005	SM&M		Failure Analysis	3	Kalu	11:00AM	12:15PM	T R	B214	COEB/CE2
2881	2849	EML	4930	606	0006	FM&HT	Aeronautics	Fundamentals of Aerodynamics (EAS 4101)	3	Kumar	12:30PM	1:45PM	M W	A305	COEA/CEB
3290	2850	EML	4930	607	0007	SM&M	MecMat	Materials II	3	Campbell	3:30PM	4:45PM	M W	B136	COEB/CE2
3291	2854	EML	4930	608	0008	FM&HT	ThrmFlds	Random Data Measurement & Analysis	3	Cattafesta (IRattler-Hollis)	2:00PM	3:15PM	M W	A305	COEA/CEB
4169	15884	EML	4930	610	0010	FM&HT	ThrmFlds	Experimental Methods and Advanced Flow Diagnostics	3	Gustavson/ Kumar	3:30 PM	4:30 PM	M	B217	COEA/CEB
4169	15884	EML	4930	610	0010	FM&HT	ThrmFlds	Experimental Methods and Advanced Flow Diagnostics	3	Gustavson/ Kumar	3:00 PM	5:00 PM	W or R	A109/ A209	COEA/CEB
CORE GRADUATE COURSES															
1090	2769	EML	5060	301	0001			Analysis in Mechanical Engineering (Part I)	3	Van Dommelen	12:30PM	1:20PM	M W F	A235	COEA/CEB
2880	2837	EML	5152	301	0001	FM&HT		Fundamentals of Heat Transfer	3	Guo	2:00PM	3:15PM	M W	A235	COEA/CEB
1151	2770	EML	5311	301	0001	D&C		Dsgn Anal Ctrl System	3	Hubicki (IRattler-Hollis)	9:30AM	10:45AM	T R	B214	COEB/CE2
1620	2774	EML	5709	301	0001	FM&HT		Fluid Mechanic Principles with Selected Applications	3	Van Dommelen	11:00 AM	11:50 AM	M W F	A125	COEA/CEB
1150	2745	EML	5935	301	0001			Seminar	0	Shoel / Kametani (IRattler-Hollis)	4:15PM	5:15PM	T	A226 (or AME106)	COEA/CEB
2044	2776	EML	5930	602	0002			Engineering Design Project I (MS) (3-6 cr)	3-6	Cattafesta (IRattler-Shih)					

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GRADUATE MAJOR DEPTH COURSES															
1619	2771	EML	5451	301	0001	FM&HT		Energy Conversion Systems for Sustainability	3	Ordonez, J.	3:30PM	4:45PM	M W	B221	COEB/CE2
1859	2772	EML	5537	301	0001	SM&M		Design using FEM	3	Oates	11:00 AM	12:15PM	M W	A337	COEB/CE2
2110	2773	EML	5543	301	0001	SM&M		Materials Selection in Design	3	Hellstrom (IRattler-Hollis)	9:30AM	10:45AM	M W	A305	COEA/CEB
3722	13467	EML	5803	301	0001	D&C		Mechatronics II	3	Clark	9:30AM	10:45AM	M W	A235	COEA/CEB
1680	2832	EML	5831	301	0001	D&C		Intro to Mobile Robotics	3	Ordonez, C.	12:30PM	1:45PM	T R	A226	COEA/CEB
2144	2777	EML	5930	603	0003	SM&M		Computational Material Physics (EMA 5814)	3	Lin	9:30AM	10:45AM	T R	A317	COEA/CEB
2676	2833	EML	5930	605	0005	FM&HT		Failure Analysis	3	Kalu	11:00AM	12:15PM	T R	B214	COEB/CE2
2807	2843	EML	5930	606	0006	FM&HT		Fundamentals of Aerodynamics (EAS 5102)	3	Kumar	12:30PM	1:45PM	M W	A305	COEA/CEB
2833	2844	EML	5930	607	0007	SM&M		Materials II	3	Campbell	3:30PM	4:45PM	M W	B136	COEB/CE2
3081	2855	EML	5930	608	0008	FM&HT		Random Data Measurement & Analysis	3	Cattafesta (IRattler-Hollis)	2:00PM	3:15PM	M W	A305	COEA/CEB
3293	2829	EML	5930	609	0009	D&C		Vehicle Design	3	Hollis	11:00AM	12:15PM	T R	A226	COEA/CEB
3293	2829	EML	5930	609	0009	D&C		Vehicle Design	3	Hollis	11:00AM	12:15PM	T	B114	COEB/CE2
3294	2857	EML	5930	610	0010	FM&HT		Experimental Methods and Advanced Flow Diagnostics	3	Gustavvson/ Kumar	3:30 PM	4:30 PM	M	B217	COEA/CEB
3294	2857	EML	5930	610	0010	FM&HT		Experimental Methods and Advanced Flow Diagnostics	3	Gustavvson/ Kumar	3:00 PM	5:00 PM	W or R	A109/ A209	COEA/CEB
3718	2589	EML	5930	612	0012	FM&HT		Computational Fluid Dynamics for Incompressible Flow	3	Taira	9:30AM	10:45AM	T R	A226	COEA/CEB
3719	13650	EML	5930	614	0014	SM&M		Microstructures of Materials	3	Kametani	2:00PM	3:15PM	T R	A226	COEA/CEB
3720	13651	EML	5930	615	0015	FM&HT		Turbulent Flow in Engineering & Atmosphere / BL Meterology	3	Yaghoobian (IRattler-Hollis)	11:00 AM	12:15 PM	M F	A223	COEA/CEB
4015	14988	EML	5930	616	0016	SM&M		Bayesian Uncertainty Analysis	3	Oates	3:30PM	4:45PM	M W	A226	COEA/CEB
Contact (Graduate Studies Program Administrator) Chase Pederson COE A240 WITH TOPIC TITLE needed for the following courses															
1613	2785	EML	5905	601 -	1 -			DIS	1-6	TBA					
		EML	5910		1 -			SUPERVISED RESEARCH	1-5	TBA					
1679	2778	EML	5971	601 -	1 -			THESIS	3-6	TBA					
1759	2779	EML	6980	601 -	1 -			DISSERTATION	1-12	TBA					
	2780	EML	8968	301	1			PRELIMINARY DOC EXAM	0	Ordonez					
1489	2847	EML	8976	301	1			MASTERS THESIS DEF (ORAL)	0	Oates					
1488	2781	EML	8985	301	1			DISSERTATION DEF	0	Oates					

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