

Mechanical Engineering Courses

FAMU	FSU	Crse	#	FAMU sect	FSU sect	AREA	UG Track Cert	TITLE	Cr	INSTRUCTOR	BEGIN	END Fall 2016	DAYS	Room	Bldg
SERVICE COURSE															
1552	2977	EML	3100	001	0001			Thermodynamics	2	Chemical Eng: Siegrist, Theo	9:30AM	10:51AM	M W	B210-211	COEB/CE2
CORE UNDERGRADUATE COURSES															
3086	3010	EML	3002	301	0001			ME Tools	2	Van Dommelen	3:30PM	4:51PM	M W	B210	COEB
3087	3011	EML	3002L	L01	0001			ME Tools Lab	3	Larson /Van Dommelen	12:30PM	1:51PM	T R	B114 /A144	COEB/CE2
3087	3011	EML	3002L	L01	0001			ME Tools Lab		Larson	12:00PM	2:42PM	F	B114 / P412	COEB/CE2
3087	3011	EML	3002L	L01	0001			ME Tools Lab			3:30 PM	4:51PM	F	B221	COEB/CE2
3088	2975	EML	3004	301	0001			Intro to ME	3	Hruda	2:00PM	3:21PM	T R	B135	COEB/CE2
3088	2975	EML	3004	301	0001			Intro to ME			5:00PM	6:21PM	W	B135/B114/P415	COEB/CE2
3372	3082	EML	3011C	C01	0001			Mechanics & Materials I (lecture)	4	Campbell	12:30 PM	1:51PM	M W	B214	COEB/CE2
3372	3082	EML	3011C	C01	0001			Mechanics & Materials I (<i>lab time</i>)			8:00 AM	10:58AM	F	B210	COEB/CE2
1675	2970	EML	3012C	C01	0001			Mechanics & Materials II M	3	Campbell	9:30AM	10:51AM	T R	B210/A337	COEB/CE2
1675	2970	EML	3012C	C01	0001			Mechanics & Materials II M			12:30PM	2:24PM	T	B217	COEB/CE2
1674	2971	EML	3012C	C02	0002			Mechanics & Materials II M	3	Campbell	9:30AM	10:51AM	T R	B210/A337	COEB/CE2
1674	2971	EML	3012C	C02	0002			Mechanics & Materials II M			12:30PM	2:24PM	R	B217	COEB/CE2
1673	2972	EML	3012C	C03	0003			Mechanics & Materials II M	3	Campbell	9:30AM	10:51AM	T R	B210/A337	COEB/CE2
1673	2972	EML	3012C	C03	0003			Mechanics & Materials II M			2:30PM	4:24PM	T	B217	COEB/CE2
1737	2973	EML	3012C	C04	0004			Mechanics & Materials II M	3	Campbell	9:30AM	10:51AM	T R	B210/A337	COEB/CE2
1737	2973	EML	3012C	C04	0004			Mechanics & Materials II M			2:30PM	4:24PM	R	B217	COEB/CE2
3377	2974	EML	3012C	C05	0005			Mechanics & Materials II M	3	Campbell	9:30AM	10:51AM	T R	B210/A337	COEB/CE2
3377	2974	EML	3012C	C05	0005			Mechanics & Materials II M			9:30AM	11:24AM	W	B217	COEB/CE2
3373	3083	EML	3013C	C01	0001			Dynamic Systems I (lecture)	4	Moore, C.	8:00 AM	9:21AM	M W	B136	COEB/CE2
3373	3083	EML	3013C	C01	0001			Dynamic Systems I (<i>computers lab time</i>)			2:30PM	5:23PM	R	A337	COEA/CEB
1932	2976	EML	3014C	C01	0001			Dynamic Systems II	3	Clark	12:30 PM	1:51PM	M W	B135	COEB/CE2
1815	12505	EML	3015C	C01	0002			Thermal-Fluids I M	4	Ordonez, J.	11:00AM	12:21PM	M W	B135	COEB/CE2
1815	12505	EML	3015C	C01	0002			Thermal-Fluids I M			12:30PM	2:40PM	F	B221	COEB/CE2
3374	3078	EML	3016C	C01	0001			Thermal-Fluids II M	4	Hahn (IRattler-Collins)	11:00AM	12:21PM	M W	B214	COEB/CE2
3374	3078	EML	3016C	C01	0001			Thermal-Fluids II M			3:05 PM	5:58PM	F	A337	COEA/CEB

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1890	10737	EML	3017C	C01	0002			Mechanical Systems I M	4	Moore, C.	9:30AM	10:24 (10:51)AM	M W F	B135	COEB/CE2
1890	10737	EML	3017C	C01	0002			Mechanical Systems I M			2:30 PM	5:23 (5:44)PM	M	A337	COEA/CEB
2057	10738	EML	3017C	C02	0003			Mechanical Systems I M	4	Moore, C.	9:30AM	10:24 (10:51)AM	M W F	B135	COEB/CE2
2057	10738	EML	3017C	C02	0003			Mechanical Systems I M			2:30PM	5:23 (5:44)PM	T	A337	COEA/CEB
3381	3079	EML	3018C	C01	0001			Mechanical Systems II M	4	Hollis	9:30AM	10:51AM	M W	B214	COEB/CE2
3381	3079	EML	3018C	C01	0001			Mechanical Systems II M			12:30PM	3:12PM	W	A337	COEA/CEB
1107	2969	EML	3234	301	0001			Material Science & Engineering	3	Larbalestier (IRattler-Collins)	2:00PM	3:21PM	M W	B135	COEB/CE2
2265	2978	EML	3811	301	0001			Mechatronics I M	2	Ordonez, C.	11:00AM	11:54AM	F	B221	COEB/CE2
2265	2978	EML	3811	301	0001			Mechatronics I M			2:30PM	5:28PM	T	B324	COEB/CE2
2266	2979	EML	3811	302	0002			Mechatronics I M	2	Ordonez, C.	11:00AM	11:54AM	F	B221	COEB/CE2
2266	2979	EML	3811	302	0002			Mechatronics I M			5:30PM	8:28PM	T	B324	COEB/CE2
2267	2980	EML	3811	303	0003			Mechatronics I M	2	Ordonez, C.	11:00AM	11:54AM	F	B221	COEB/CE2
2267	2980	EML	3811	303	0003			Mechatronics I M			3:45PM	6:43PM	W	B324	COEB/CE2
3092	3072	EML	4304L	L01	0001			THERMAL-FLUIDS LABORATORY M	3	Kumar	11:00AM	12:21PM	T R	A317 (Or AME106)	COEA/CEB
3092	3072	EML	4304L	L01	0001			THERMAL-FLUIDS LABORATORY M			9:00AM	10:54AM	T	A109/ A209	COEA/CEB
3095	3086	EML	4304L	L02	0002			THERMAL-FLUIDS LABORATORY M	3	Kumar	11:00AM	12:21PM	T R	A317 (or AME106)	COEA/CEB
3095	3086	EML	4304L	L02	0002			THERMAL-FLUIDS LABORATORY M			12:30PM	2:24PM	W	A109/ A209	COEA/CEB
2333	2987	EML	4550	301	0001			Engineering Design Methods	3	Soman	3:30PM	4:51PM	M W	A105	COEA/CEB
1613	2988	EML	4551C	301	0001			Senior Design I	3	Gupta	2:00PM	6:35PM	T R	B210	COEB/CE2
TBA		EML	3949		0001			Experiential Learning	0-1	http://www.eng.fsu.edu/me/undergrad/research-exp.html					
TBA	TBA	EML	4905	601 -	0001-			DIS Directed Independent Study	1-3	(Contact Professor then Ms. Stanley to create course number)					
TBA		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	M W	OSB - 0108	
UG TECHNICAL ELECTIVES															
2394	2981	EML	4288	301	0001	D&C	DynSys	Vehicle Design M	3	Hollis	11:00AM	12:21PM	T R	A226	COEA/CEB
2394	2981	EML	4288	301	0001	D&C	DynSys	Vehicle Design M	3	Hollis	11:00AM	12:21PM	T	B114	COEB/CE2
1183	2982	EML	4312	301	0001	D&C	DynSys	Dsgn Anal Ctrl Systm M	3	Xu	9:30AM	10:51AM	T R	B214	COEB/CE2
1481	2983	EML	4450	301	0001	FM&HT	ThrmFlds	Energy Conversion Systems for Sustainability M	3	Ordonez, J.	9:30AM	10:51AM	T R	A317	COEA/CEB

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1683	2984	EML	4512	301	0001	FM&HT	ThrmFlds	Thermal Fluid Design	3	Vanderlaan (IRattler-Hollis)	9:30AM	10:51AM	T R	A223	COEA/CEB
1748	2985	EML	4536	301	0001	SM&M	MecMat-MagSciTec	Design using FEM M	3	Oates	11:00 AM	12:21PM	M W	A337	COEB/CE2
1089	2986	EML	4542	301	0001	SM&M	MecMat	Materials Selection in Design M	3	Hellstrom (IRattler-Collins)	9:30AM	10:51AM	M W	A305	COEA/CEB
4086	13071	EML	4800	301	0001	D&C	DynSys	Intro to Robotics M	3	Clark	9:30AM	10:51AM	M W	A235	COEA/CEB
4086	13071	EML	4800	301	0001	D&C	DynSys	Intro to Robotics M	3	Clark	2:00PM	4:42PM	F	B356	COEB/CE2
3093	3074	EML	4830	301	0001	D&C	DynSys	Intro to Mobile Robotics M	3	Ordonez, C. & Collins	12:30PM	1:51PM	T R	A125	COEA/CEB
1741	2989	EML	4930	601	0001			Analysis in Mechanical Engineering (Part I) M	3	Van Dommelen	12:30PM	1:24PM	M W F	A235	COEA/CEB
1191	2990	EML	4930	602	0002			Analysis in Mechanical Engineering (Part II) M	3	Van Dommelen	9:30AM	10:24AM	M W F	A223	COEA/CEB
2730	2991	EML	4930	603	0003	SM&M		Computational Material Physics M	3	Lin (IRattler-Collins)	3:30 PM	4:51 PM	M W	B221	COEB/CE2
2390	2992	EML	4930	604	0004	D&C		Design and Modeling for Manufacturing Processes M	3	Xu (IRattler-Hollis)	2:00PM	3:21PM	M W	B136	COEB/CE2
3262	3008	EML	4930	605	0005	SM&M		Energy Materials M	3	Kalu	11:00AM	12:21PM	T R	B214	COEB/CE2
3380	3060	EML	4930	607	0007	D&C		Random Data Measurement & Analysis M	3	Cattafesta (IRattler-Collins)	2:00PM	3:21PM	M W	A235	COEA/CEB
3090	EML	4930		0008				? Special Topics UNIFEI Brazil	3	Shih					
BSMS COURSE															
2133	3000	EML	5930	601	0001			BSMS Design Project I (BSMS) (3 cr) in Sp 5 cr	3	Shih	TBA				
2268	3001	EML	5930	602	0002			Engineering Design Project I (MS) (3-6 cr)	3-6	Cattafesta (IRattler-Collins)					
CORE GRADUATE COURSES															
1104	2994	EML	5060	301	0001			Analysis in Mechanical Engineering (Part I) M	3	Van Dommelen	12:30PM	1:24PM	M W F	A235	COEA/CEB
3375	3080	EML	5061	301	0001			Analysis in Mechanical Engineering (Part II) M	3	Van Dommelen	9:30AM	10:24AM	M W F	A223	COEA/CEB
3376	3081	EML	5152	301	0001	FM&HT	ThrmFlds	Fundamentals of Heat Transfer	3	Guo	3:30PM	4:51PM	M W	A235	COEA/CEB
1182	2995	EML	5311	301	0001	D&C		Dsgn Anal Ctrl System M	3	Xu	9:30AM	10:51AM	T R	B214	COEB/CE2
1751	2999	EML	5709	301	0001	FM&HT		Fluid Mechanic Principles with Selected Applications	3	Alvi	2:00PM	3:21PM	T R	A226 (or AME106)	COEA/CEB
1181	2968	EML	5935	301	0001			Seminar	0	Lin/Hahn (IRattler-Collins)	4:15PM	5:20PM	T	A226 (or AME106)	COEA/CEB
GRADUATE MAJOR DEPTH COURSES															
4206	14551	EML	5361	301	0001	D&C		Multivariable Control	3	Collins	2:00PM	3:21PM	T R	A305	COEA/CEB
1750	2996	EML	5451	301	0001	FM&HT		Energy Conversion Systems for Sustainability M	3	Ordonez, J.	9:30AM	10:51AM	T R	A317	COEA/CEB
2052	2997	EML	5537	301	0001	SM&M		Design using FEM M	3	Oates	11:00 AM	12:21PM	M W	A337	COEB/CE2
2352	2998	EML	5543	301	0001	SM&M		Materials Selection in Design M	3	Hellstrom (IRattler-Collins)	9:30AM	10:51AM	M W	A305	COEA/CEB

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4087	13072	EML	5802	301	0001	D&C		Intro to Robotics M	3	Clark	9:30 AM	10:51AM	M W	A235	COEA/CEB
4087	13072	EML	5802	301	0001	D&C		Intro to Robotics M	3	Clark	2:00PM	4:42PM	F	B356	COEB/CE2
3094	3075	EML	5831	301	0001	D&C		Intro to Mobile Robotics M	3	Ordonez, C. & Collins	12:30PM	1:51PM	T R	A125	COEA/CEB
3727	10759	EML	5930	609	0009	FM&HT		Computational Fluid Dynamics for Incompressible Flow	3	Taira (Irrattler-Collins)	12:30PM	1:51PM	T R	A235	COEA/CEB
2391	3002	EML	5930	603	0003	SM&M		Computational Material Physics M	3	Lin (Irrattler-Collins)	3:30 PM	4:51 PM	M W	B221	COEB/CE2
2132	3003	EML	5930	604	0004	D&C		Design and Modeling for Manufacturing Processes M	3	Xu	2:00PM	3:21PM	M W	B136	COEB/CE2
3089	3071	EML	5930	605	0005	FM&HT		Energy Materials M	3	Kalu	11:00AM	12:21PM	T R	B214	COEB/CE2
3263	3076	EML	5930	607	0007	D&C		Random Data Measurement & Analysis M	3	Cattafesta (Irrattler-Collins)	2:00PM	3:21PM	M W	A235	COEA/CEB
3382	10758	EML	5930	608	0008	D&C		Vehicle Design M	3	Hollis	11:00AM	12:21PM	T R	A226	COEA/CEB
3382	10758	EML	5930	608	0008	D&C		Vehicle Design M	3	Hollis	11:00AM	12:21PM	T	B114	COEB/CE2
Contact (Graduate Studies Program Administrator) Chase Pederson COE A240 WITH TOPIC TITLE needed for the following courses															
2091	3013	EML	5905	601	1-			DIS	1-6	TBA					
	TBA	EML	5910		1-			SUPERVISED RESEARCH	1-5	TBA					
1820	3004	EML	5971	601	1-			THESIS	3-6	TBA					
1192	3005	EML	6980	601	1-			DISSERTATION	1-12	TBA					
1601	3006	EML	8968	301	1			PRELIMINARY DOC EXAM	0	Ordonez					
1600	TBA	EML	8976	301	1			MASTERS THESIS DEF (ORAL)	0	Oates					
1599	3007	EML	8985	301	1			DISSERTATION DEF	0	Oates					

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