

Mechanical Engineering Courses

FAMU	FSU	Crse	#	FAMU sect	FSU sect	AREA	UG Track Cert	TITLE	Cr	INSTRUCTOR	BEGIN	END	DAYS	Room	Bldg
SERVICE COURSE															
1136	2782	EML	3100	301	0001			Thermodynamics (not for ME majors)	2	Hruda (peterson@eng.famu.fsu.edu)	8:00AM	9:15AM	T R	A105	COEA/CE1
2421	2836	EML	3100	302	0002			Thermodynamics (not for ME majors)	2	Hruda (peterson@eng.famu.fsu.edu)	11:00AM	12:15PM	T R	B210	COEB/CE2
CORE Courses															
1746	2774	EML	3102	301	0001			Engineering Thermodynamics	3	Dr. Huixuan Wu	3:30PM	4:45 PM	T R	B210	COEB/CE2
1747	2775	EML	3002L	L01	0001			ME Tools Lab	3	Larson (larson@eng.famu.fsu.edu)	5:00PM	6:15PM	M W	A337	COEB/CE2
1747	2775	EML	3002L	L01	0001			ME Tools Lab		Larson	1:45PM	4:45PM	F	A337	COEB/CE2
6937	2892	EML	3002L	L02	0002			ME Tools Lab	3	Larson (larson@eng.famu.fsu.edu)	2:00PM	3:15PM	M W	A337	COEB/CE2
6937	2892	EML	3002L	L02	0002			ME Tools Lab		Larson	10:30AM	1:30PM	F	A337	COEB/CE2
1748	2776	EML	3004	301	0001			Engineering Statics	3	Krick (bkrick@eng.famu.fsu.edu)	9:30AM	10:45AM	T R	A322	COEA/CE1
1748	2776	EML	3004	301	0001			Engineering Statics (Recitation)		Krick	3:30PM	4:45PM	W	B136	COEB/CE2
7355	2777	EML	3011	301	0001			Mechanics of Materials	3	Hruda (peterson@eng.famu.fsu.edu)	2:00PM	3:15PM	M W	B135	COEB/CE2
7356	2862	EML	3012	301	0001			Intermediate Mechanics & Materials	3	Campbell (dcampbell@eng.famu.fsu.edu)	9:30AM	10:45AM	T R	A105	COEA/CE1
7357	11686	EML	3012L	L01	0001			Mechanics & Materials Lab	1	Campbell (dcampbell@eng.famu.fsu.edu)	12:30PM	1:45PM	F	B210	COEB/CE2
7357	11686	EML	3012L	L01	0001			Mechanics & Materials Lab		Campbell	1:00PM	2:45PM	M	B217	COEB/CE2
7367	11687	EML	3012L	L02	0002			Mechanics & Materials Lab	1	Campbell (dcampbell@eng.famu.fsu.edu)	12:30PM	1:45PM	F	B210	COEB/CE2
7367	11687	EML	3012L	L02	0002			Mechanics & Materials Lab		Campbell	1:00PM	2:45PM	T	B217	COEB/CE2
7368	11688	EML	3012L	L03	0003			Mechanics & Materials Lab	1	Campbell (dcampbell@eng.famu.fsu.edu)	12:30PM	1:45PM	F	B210	COEB/CE2
7368	11688	EML	3012L	L03	0003			Mechanics & Materials Lab		Campbell	1:00PM	2:45PM	W	B217	COEB/CE2
7369	11689	EML	3012L	L04	0004			Mechanics & Materials Lab	1	Campbell (dcampbell@eng.famu.fsu.edu)	12:30PM	1:45PM	F	B210	COEB/CE2
7369	11689	EML	3012L	L04	0004			Mechanics & Materials Lab		Campbell	3:00PM	4:45PM	T	B217	COEB/CE2
7358	2778	EML	3013	301	0001			Dynamics	3	Ordóñez, C. (cordonez@eng.famu.fsu.edu)	12:30PM	1:45PM	T R	B210	COEB/CE2
1867	2815	EML	3014C	C01	0001			System Dynamics & Vibrations (lecture)	3	Vasquez, D. (davasquez@fsu.edu)	8:25AM	9:15AM	M W	A322	COEB/CE2
1867	2815	EML	3014C	C01	0001			System Dynamics & Vibrations (lab)		Vasquez, D.	3:05PM	5:50PM	T	B114	COEB/CE2
1919	2819	EML	3015C	C01	0001			Thermal-Fluids I: Fluid Mechanics (lecture)	4	Yaghoobian (nyaghoobian@eng.famu.fsu.edu)	11:00AM	12:15PM	M W	B210	COEB/CE2
1919	2819	EML	3015C	C01	0001			Thermal-Fluids I: Fluid Mechanics (lab)		Yaghoobian	3:30PM	5:30PM	F	B135	COEB/CE2

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7370	2779	EML	3016	C01	0001			Thermal-Fluids II: Heat Transfer (lecture)	3	Ali (myali@eng.famu.fsu.edu)	9:30AM	10:45AM	M W	B135	COEB/CE2
7370	2779	EML	3016	C01	0001			Thermal-Fluids II: Heat Transfer (Help Session)		Ali	8:15AM	10:45AM	F	B135	COEB/CE2
1893	2816	EML	3017C	C01	0001			Mechanical Systems I (lecture)	4	Moore, C. (camoore@eng.famu.fsu.edu)	8:00AM	9:15AM	T R	B210	COEB/CE2
1893	2816	EML	3017C	C01	0001			Mechanical Systems I (computer lab time)		Moore, C.	4:00PM	6:30PM	R	B114	COEB/CE2
1893	2816	EML	3017C	C01	0001			Mechanical Systems I (lab)		Moore, C.	11:00AM	12:15PM	F	B136	COEB/CE2
1182	2780	EML	3018C	C01	0001			Mechanical Systems II (lecture)	4	Hollis (hollis@eng.famu.fsu.edu)	12:30PM	1:45PM	T R	B221	COEB/CE2
1182	2780	EML	3018C	C01	0001			Mechanical Systems II (lab)		Hollis	11:00 AM	1:45 PM	M	B114	COEB/CE2
1336	2781	EML	3018C	C02	0002			Mechanical Systems II (lecture)	4	Hollis (hollis@eng.famu.fsu.edu)	12:30PM	1:45PM	T R	B221	COEB/CE2
1336	2781	EML	3018C	C02	0002			Mechanical Systems II (lab)		Hollis	11:00 AM	1:45PM	W	B114	COEA/CE1
1029	2871	EML	3234	301	0001			Material Science & Engineering	3	Gibson (jmgibson@eng.famu.fsu.edu)	11:00AM	12:15PM	T R	B135	COEB/CE2
1029	2871	EML	3234	301	0001			Material Science & Engineering (Recitation)		Gibson	9:30AM	10:45AM	F	B210	COEB/CE2
1449	2783	EML	3811	301	0001			Intro to Mechatronics	1	Ordóñez, C. (cordonez@eng.famu.fsu.edu)	11:00AM	11:50AM	F	B221	COEB/CE2
7360	2852	EML	3811L	611	0001			Mechatronics Lab (lecture)	2	Ordóñez, C. (cordonez@eng.famu.fsu.edu)	12:00PM	12:50PM	F	B221	COEB/CE2
7360	2852	EML	3811L	611	0001			Mechatronics Lab (lab)		Ordóñez, C.	8:00AM	10:45AM	M	B356	COEB/CE2
7371	2853	EML	3811L	612	0002			Mechatronics Lab (lecture)	2	Ordóñez, C. (cordonez@eng.famu.fsu.edu)	12:00PM	12:50PM	F	B221	COEB/CE2
7371	2853	EML	3811L	612	0002			Mechatronics Lab (lab)		Ordóñez, C.	12:30PM	3:15PM	W	B356	COEB/CE2
7372	2854	EML	3811L	613	0003			Mechatronics Lab (lecture)	2	Ordóñez, C. (cordonez@eng.famu.fsu.edu)	12:00PM	12:50PM	F	B221	COEB/CE2
7372	2854	EML	3811L	613	0003			Mechatronics Lab (lab)		Ordóñez, C.	9:30AM	12:15PM	T	B356	COEB/CE2
7373	2855	EML	3811L	614	0004			Mechatronics Lab (lecture)	2	Ordóñez, C. (cordonez@eng.famu.fsu.edu)	12:00PM	12:50PM	F	B221	COEB/CE2
7373	2855	EML	3811L	614	0004			Mechatronics Lab (lab)		Ordóñez, C.	2:00PM	4:45PM	R	B356	COEB/CE2
7359	11691	EML	4304	615	0001			Exp in Thermal & Fluid Sciences	2	Ali (myali@eng.famu.fsu.edu)	9:30AM	10:45AM	T R	B210	COEB/CE2
1202	2784	EML	4304L	L01	0001			Experiments in Thermal and Fluid Sciences (lab)	1	Ali (myali@eng.famu.fsu.edu)	2:00PM	3:45PM	T	A109/ A209	COEA/CE1
5653	2785	EML	4304L	L02	0002			Experiments in Thermal and Fluid Sciences (lab)	1	Ali (myali@eng.famu.fsu.edu)	2:00PM	3:45PM	W	A109/ A209	COEA/CE1
5656	11692	EML	4304L	L03	0003			Experiments in Thermal and Fluid Sciences (lab)	1	Ali (myali@eng.famu.fsu.edu)	4:00PM	5:45PM	W	A109/ A209	COEA/CE1

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5659	11693	EML	4304L	L04	0004			Experiments in Thermal and Fluid Sciences (lab)	1	Ali (myali@eng.famu.fsu.edu)	2:00PM	3:45 PM	R	A109/ A209	COEA/CE1
1361	2787	EML	4550	301	0001			Engineering Design Methods	3	McConomy (smconomy@eng.famu.fsu.edu)	3:30PM	4:45PM	M W	B134	COEB/CE2
1307	2788	EML	4552C	C01	0001			Senior Design II	3	McConomy	3:30PM	7:45PM	T R	B135	COEB/CE2
SDS			3802					Experiential Learning	0-1	https://www.eng.famu.fsu.edu/me/undergraduate/research-experience					
	2825-	EML	4905	601 -	0001-			DIS Directed Independent Study	1-3	(Contact Professor, then Mrs. Natalie Alday to create course number)					
	2876-	EML	4970		0001-			Honors Work (Contact Professor)	3						
Undergraduate ME Technical Electives															
7365	12319	EGN	3454	301	0001	5th math		Numerical Methods for Mechanical Engineers	3	Nair (usasidharannair@eng.famu.fsu.edu)	12:30PM	1:45PM	M W	B214	COEB/CE2
7361	11707	EML	4161	301	0001	FM&HT	ThrmIF Lds	Cryogenics (Magnet Science & Technology)	3	Guo (wguo@eng.famu.fsu.edu)	3:30PM	4:45PM	M W	A223	COEA/CE1
5665	2786	EML	4316	301	0001	D&C	DynSys	Advanced Design & Analysis of Control Systems	3	Anubi (anubi@eng.famu.fsu.edu)	11:00AM	12:15PM	M W	A223	COEA/CE1
2152	2827	EML	4421	301	0001	FM&HT	ThrmIF Lds -	Propulsion Systems (Aeronautics Track)	3	Shih (shih@eng.famu.fsu.edu)	11:00AM	12:15PM	T R	AME 106	AME bldg
2250	2820	EML	4452	301	0001	FM&HT	ThrmIF Lds	Sustainable Power Generation	3	Ordóñez, J. (ordonez@eng.famu.fsu.edu)	11:00AM	12:15PM	M W	A226	COEA/CE1
7362	11705	EML	4042	301	0001	D&C	DynSys	Modeling and Simulation for Mechanical Systems	3	Hollis (hollis@eng.famu.fsu.edu)	8:00AM	9:15AM	M W	B114	COEB/CE2
5671	2874	EML	4536	301	0001	SM&M	MecM at	Design Using FEM (Magnet Science/Technology)	3	Oates (woates@eng.famu.fsu.edu)	2:00PM	3:15PM	M W	A226	COEA/CE1
5674	2823	EML	4711	301	0001	FM&HT	ThrmIF Lds -	Introduction to Gas Dynamics (Aeronautics Track)	3	Kumar (rkumar@eng.famu.fsu.edu)	2:00PM	3:15PM	M W	AME 106	AME bldg
2422	2789	EML	4930	301	0001	D&C	DynSys	Applied Optimal Control	3	Hubicki (hubicki@eng.famu.fsu.edu)	9:30AM	10:45AM	T R	A144	COEA/CE1
2423	2790	EML	4930	302	0002	SM&M	MecM at	Energy Materials and Devices	3	Campbell (dcampbell@eng.famu.fsu.edu)	11:00AM	12:15PM	M W	A235	COEA/CE1
4422	2791	EML	4930	303	0003	SM&M	MecM at	Microstructure of Materials	3	Kametani (fkametani@eng.famu.fsu.edu)	2:00PM	3:15PM	T R	B134	COEB/CE2
5710	2837	EML	4930	304	0004	D&C	DynSys	Mechatronics and Art	3	Clark (clarkj@eng.fsu.edu)	12:30PM	1:45PM	T R	B356	COEB/CE2
5049	2838	EML	4930	305	0005	D&C	DynSys	Human Biomechanics	3	Higgins (thiggins@eng.famu.fsu.edu)	11:00AM	12:15PM	T R	B136	COEB/CE2
5716	2841	EML	4930	307	0007	SM&M	MecM at	Applied Superconductivity (Magnet Science & Technology)	3	Cooley (ldcooley@asc.magnet.fsu.edu)	12:30PM	1:45PM	T R	A125	COEA/CE1
Graduate ME Technical Electives															
7363	11706	EML	5042	301	0001	D&C	DynSys	Modeling and Simulation for Mechanical Systems	3	Hollis (hollis@eng.famu.fsu.edu)	8:00AM	9:15AM	M W	B114	COEB/CE2
	2872	EML	5072		0001	SM&M	MecM at	Applied Superconductivity (Magnet Science & Technology)	3	Cooley (ldcooley@asc.magnet.fsu.edu)	12:30PM	1:45PM	T R	A125	COEA/CE1
2428		EML	5930	607		SM&M	MecM at	Applied Superconductivity (Magnet Science & Technology)	3	Cooley (ldcooley@asc.magnet.fsu.edu)	12:30PM	1:45PM	T R	A125	COEA/CE1
7364	11708	EML	5162	301	0001	FM&HT	ThrmIF Lds	Cryogenics (Magnet Science & Technology)	3	Guo (wguo@eng.famu.fsu.edu)	3:30PM	4:45PM	M W	A223	COEA/CE1

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2429	2792	EML	5317	301	0001	D&C	DynSys	Advanced Design & Analysis of Control Systems	3	Anubi (anubi@eng.famu.fsu.edu)	11:00AM	12:15PM	M W	A223	COEA/CE1
2431	2828	EML	5422	301	0001	FM&HT	ThrmIF lds -	Propulsion Systems (Aeronautics Track)	3	Shih (shih@eng.famu.fsu.edu)	11:00AM	12:15PM	T R	AME 106	AME bldg
7352	12602	EML	5422	302	0002	FM&HT	ThrmIF lds -	Propulsion Systems (AERO Certificate Program)	3	Shih (shih@eng.famu.fsu.edu)	ONLINE			ONLINE	
1362	2821	EML	5453	301	0001	FM&HT	ThrmIF lds	Sustainable Power Generation	3	Ordóñez, J. (ordonez@eng.famu.fsu.edu)	11:00AM	12:15PM	M W	A226	COEA/CE1
5683	2873	EML	5537	301	0001	SM&M	MecM at	Design Using FEM (Magnet Science/Technology)	3	Oates (woates@eng.famu.fsu.edu)	2:00PM	3:15PM	M W	A226	COEA/CE1
2430	2824	EML	5710	301	0001	FM&HT	ThrmIF lds -	Introduction to Gas Dynamics (Aeronautics Track)	3	Kumar (rkumar@fsu.edu)	2:00PM	3:15PM	M W	AME 106	AME bldg
5662	2851	EML	5710E	302	0002	FM&HT	ThrmIF lds -	Introduction to Gas Dynamics (AERO Certificate Program)	3	Ali (myali@eng.famu.fsu.edu)	ONLINE			ONLINE	
2425	2794	EML	5930	601	0001	D&C	DynSys	Applied Optimal Control	3	Hubicki (hubicki@eng.famu.fsu.edu)	9:30AM	10:45AM	T R	A144	COEA/CE1
2424	2795	EML	5930	602	0002	SM&M	MecM at	Energy Materials and Devices	3	Campbell (dcampbell@eng.famu.fsu.edu)	11:00AM	12:15PM	M W	A235	COEA/CE1
1485	2796	EML	5930	603	0003	SM&M	MecM at	Microstructure of Materials	3	Kametani (fkametani@eng.famu.fsu.edu)	2:00PM	3:15PM	T R	B134	COEB/CE2
2427	2818	EML	5930	604	0004	D&C	DynSys	Mechatronics and Art	3	Clark (clarkj@eng.fsu.edu)	12:30PM	1:45PM	T R	B356	COEB/CE2
2426	2886	EML	5930	605	0005	D&C	DynSys	Human Biomechanics	3	Higgins (thiggins@eng.famu.fsu.edu)	11:00AM	12:15PM	T R	B136	COEB/CE2
7383	2893	EGM	5810	601	0001	FM&HT	ThrmIF lds	Viscous Fluid Flows	3	Shoele (kshoele@eng.famu.fsu.edu)	3:30PM	4:45PM	M W	A235	COEA/CE1
7353		EML	5930	608				FAMU: MS_Prof Traineeship Project (BSMS Design Project)	3	Shih (shih@eng.famu.fsu.edu)	TBA				
	2861	EML	5955		0001			FSU: MS_Prof Traineeship Project (BSMS Design Project)	3	Shih (shih@eng.famu.fsu.edu)	TBA				
1044	2840	EML	5935	601	0001			ME Graduate Seminar	0	Oates and Higgins	11:00AM	12:00PM	F	AME 106	
Contact (Graduate Studies Program Administrator) Breda Arnell COE A240 WITH TOPIC TITLE needed for the following courses															
4071-	2793-	EML	5905	601 -	0001 -			(DIS) Directed Independent Study	1-6 (1-12)	ME Faculty member					
5689-	2846-	EML	5971	601 -	0001 -			MASTER'S THESIS RESEARCH	3-6 (1-12)	ME Advisor					
1340-	2797-	EML	6980	601 -	0001 -			DISSERTATION	1-12	ME Advisor					
4911-	2842-	EML	8968	601 -	0001 -			PRELIMINARY DOCTORAL EXAM (scheduled Fall term only)	0	ME Advisor					
5692	2887-	EML	8976	601-	0001 -			MASTERS THESIS DEFENSE (ORAL)	0	ME Advisor					
2262-	2835-	EML	8985	601-	0001 -			DISSERTATION DEFENSE	0	ME Advisor					Updated 10/24/23

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