

Mechanical Engineering Courses

FAMU	FSU	Crse	#	FAMU sect	FSU sect	AREA	UG Track Cert	TITLE	Cr	INSTRUCTOR	BEGIN	END	DAYS	Room	Bldg
SERVICE COURSE															
2848	2888	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
4300	2968	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															
3521	2877	EML	3102	301	0001			Engineering Thermodynamics	3	Hruda (peterson@eng.famu.fsu.edu)	3:30PM	4:45 PM	T R	B210	COEB/CE2
3522	2878	EML	3002L	L01	0001			ME Tools Lab	3	Larson (larson@eng.famu.fsu.edu)	5:00PM	6:30PM	M W	B114	COEB/CE2
3522	2878	EML	3002L	L01	0001			ME Tools Lab		Larson	2:00PM	4:45PM	F	B114	COEB/CE2
5611	15043	EML	3002L	L02	0002			ME Tools Lab	3	Dr. Xiang Zhang	5:00PM	6:30PM	M W	A337	COEB/CE2
5611	15043	EML	3002L	L02	0002			ME Tools Lab		Dr. Xiang Zhang	2:00PM	4:45PM	F	A337	COEB/CE2
3523	2879	EML	3004	301	0001			Engineering Statics	3	Kalu (kalu@eng.famu.fsu.edu)	2:00PM	3:15 PM	T R	B210	COEB/CE2
3523	2879	EML	3004	301	0001			Engineering Statics (Recitation)		Kalu	9:30AM	10:45AM	W	B221	COEB/CE2
13708		EML	3004		0002			Engineering Statics	3	Kalu (kalu@eng.famu.fsu.edu)	2:00PM	3:15 PM	T R	B210	COEB/CE2
13708		EML	3004		0002			Engineering Statics (Recitation)		Kalu	9:30AM	10:45AM	W	B221	COEB/CE2
2888	2880	EML	3011	301	0001			Mechanics of Materials	3	Oates (woates@eng.famu.fsu.edu)	2:00PM	3:15PM	M W	B135	COEB/CE2
3845	12466	EML	3012	301	0001			Intermediate Mechanics & Materials	3	Campbell (dcampbell@eng.famu.fsu.edu)	9:30AM	10:45AM	T R	A105	COEA/CE1
5118	2971	EML	3012L	607	0007			Mechanics & Materials Lab (EML4930-007(FSU)-607(FAMU))	1	Campbell (dcampbell@eng.famu.fsu.edu)	12:30PM	1:45PM	F	B210	COEB/CE2
5118	2971	EML	3012L	607	0007			Mechanics & Materials Lab		Campbell	9:00AM	10:45AM	M	B217	COEB/CE2
5119	2987	EML	3012L	608	0008			Mechanics & Materials Lab (EML4930-008(FSU)-608(FAMU))	1	Campbell (dcampbell@eng.famu.fsu.edu)	12:30PM	1:45PM	F	B210	COEB/CE2
5119	2987	EML	3012L	608	0008			Mechanics & Materials Lab		Campbell	1:00PM	2:45PM	T	B217	COEB/CE2
5120	2996	EML	3012L	609	0009			Mechanics & Materials Lab (EML4930-009(FSU)-609(FAMU))	1	Campbell (dcampbell@eng.famu.fsu.edu)	12:30PM	1:45PM	F	B210	COEB/CE2
5120	2996	EML	3012L	609	0009			Mechanics & Materials Lab		Campbell	1:00PM	2:45PM	W	B217	COEB/CE2
5121	2998	EML	3012L	610	0010			Mechanics & Materials Lab (EML4930-010(FSU)-610(FAMU))	1	Campbell (dcampbell@eng.famu.fsu.edu)	12:30PM	1:45PM	F	B210	COEB/CE2
5121	2998	EML	3012L	610	0010			Mechanics & Materials Lab		Campbell	3:00PM	4:45PM	T	B217	COEB/CE2
4330	2883	EML	3013	301	0001			Dynamics	3	Dr. Xiang Zhang	12:30PM	1:45PM	T R	B210	COEB/CE2
3652	2934	EML	3014C	C01	0001			System Dynamics & Vibrations (lecture)	3	Ordóñez, C. (cordonez@eng.famu.fsu.edu)	3:30PM	4:20PM	M W	B136	COEB/CE2
3652	2934	EML	3014C	C01	0001			System Dynamics & Vibrations (lab)		Ordóñez, C.	3:05PM	5:50PM	T	B114	COEB/CE2
3705	2940	EML	3015C	C01	0001			Thermal-Fluids I: Fluid Mechanics (lecture)	4	Yaghoobian (nyaghoobian@eng.famu.fsu.edu)	11:00AM	12:15PM	M W	AME 106	AME bldg
3705	2940	EML	3015C	C01	0001			Thermal-Fluids I: Fluid Mechanics (lab)		Yaghoobian	3:30PM	5:30PM	F	AME 106	AME bldg

Spring 2023

<http://www.eng.fsu.edu/me/courses>

Mechanical Engineering Courses

FAMU	FSU	Crse	#	FAMU sect	FSU sect	AREA	UG Track Cert	TITLE	Cr	INSTRUCTOR	BEGIN	END	DAYS	Room	Bldg
2901	2885	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
2901	2885	EML	3016	C01	0001			Thermal-Fluids II: Heat Transfer (Help Session)		Ali	8:15AM	10:45AM	F	B135	COEB/CE2
5212	13653	EML	3016L	L01	0012			Thermal-Fluids II, LAB (EML4930-012(FSU)-L01(FAMU))		Ali (myali@eng.famu.fsu.edu)					
3678	2935	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
3678	2935	EML	3017C	C01	0001			Mechanical Systems I (computer lab time)		Moore, C.	4:00PM	6:30PM	R	B114	COEB/CE2
3678	2935	EML	3017C	C01	0001			Mechanical Systems I (lab)		Moore, C.	11:00AM	12:15PM	F	B136	COEB/CE2
2902	2886	EML	3018C	C01	0001			Mechanical Systems II (lecture)	4	Hollis (hollis@eng.famu.fsu.edu)	12:30PM	1:45PM	T R	B221	COEB/CE2
2902	2886	EML	3018C	C01	0001			Mechanical Systems II (lab)		Hollis	11:00 AM	1:45 PM	M	B114	COEB/CE2
3072	2887	EML	3018C	C02	0002			Mechanical Systems II (lecture)	4	Hollis (hollis@eng.famu.fsu.edu)	12:30PM	1:45PM	T R	B221	COEB/CE2
3072	2887	EML	3018C	C02	0002			Mechanical Systems II (lab)		Hollis	11:00 AM	1:45PM	W	B114	COEA/CE1
2737	2889	EML	3234	301	0001			Material Science & Engineering	3	Larbalestier (dlarbalestier@eng.famu.fsu.edu)	11:00AM	12:15PM	T R	B135	COEB/CE2
2737	2889	EML	3234	301	0001			Material Science & Engineering (Recitation)		Larbalestier	9:30AM	10:45AM	F	B210	COEB/CE2
5093	13035	EML	3234	302	0002			Material Science & Engineering	3	Gibson (jmgibson@eng.famu.fsu.edu)	9:30AM	10:45AM	M W	A226	COEA/CE1
5093	13035	EML	3234	302	0002			Material Science & Engineering (Recitation)		Gibson	11:00AM	12:15PM	F	B134	COEB/CE2
3195	2890	EML	3811	301	0001			Intro to Mechatronics	1	Ordóñez, C. (cordonez@eng.famu.fsu.edu)	11:00AM	11:50AM	F	B221	COEB/CE2
5150	12449	EML	3811L	611	0001			Mechatronics Lab (lecture) (EML4930-611(FAMU))	2	Ordóñez, C. (cordonez@eng.famu.fsu.edu)	12:00PM	12:50PM	F	B221	COEB/CE2
5150	12449	EML	3811L	611	0001			Mechatronics Lab (lab)		Ordóñez, C.	8:00AM	10:45AM	M	B356	COEB/CE2
5151	12450	EML	3811L	612	0002			Mechatronics Lab (lecture) (EML4930-612(FAMU))	2	Ordóñez, C. (cordonez@eng.famu.fsu.edu)	12:00PM	12:50PM	F	B221	COEB/CE2
5151	12450	EML	3811L	612	0002			Mechatronics Lab (lab)		Ordóñez, C.	12:30PM	3:15PM	W	B356	COEB/CE2
5152	12452	EML	3811L	613	0003			Mechatronics Lab (lecture) (EML4930-613(FAMU))	2	Ordóñez, C. (cordonez@eng.famu.fsu.edu)	12:00PM	12:50PM	F	B221	COEB/CE2
5152	12452	EML	3811L	613	0003			Mechatronics Lab (lab)		Ordóñez, C.	9:30AM	12:15PM	T	B356	COEB/CE2
5153	12453	EML	3811L	614	0004			Mechatronics Lab (lecture) (EML4930-614(FAMU))	2	Ordóñez, C. (cordonez@eng.famu.fsu.edu)	12:00PM	12:50PM	F	B221	COEB/CE2
5153	12453	EML	3811L	614	0004			Mechatronics Lab (lab)		Ordóñez, C.	2:00PM	4:45PM	R	B356	COEB/CE2
5154	12446	EML	4304	615	0001			Exp in Thermal & Fluid Sciences (EML4930-615(FAMU))	2	Ali (myali@eng.famu.fsu.edu)	9:30AM	10:45AM	T R	B210	COEB/CE2
2924	2893	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
5094	2894	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

Spring 2023

<http://www.eng.fsu.edu/me/courses>

Mechanical Engineering Courses

FAMU	FSU	Crse	#	FAMU sect	FSU sect	AREA	UG Track Cert	TITLE	Cr	INSTRUCTOR	BEGIN	END	DAYS	Room	Bldg
5095	2895	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
5096	2896	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
3098	2898	EML	4550	301	0001			Engineering Design Methods	3	McConomy (smcconomy@eng.famu.fsu.edu)	5:00PM	6:15PM	M W	B135	COEA/CE1
3040	2899	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					
	2950-	EML	4905	601 -	0001-			DIS Directed Independent Study	1-3	(Contact Professor, then Mrs. Natalie Alday to create course number)					
		EML	4970		0001-			Honors Work (Contact Professor)	3						
Undergraduate ME Technical Electives															
4316	9687	EMA	4225	301	0001	SM&M	MecMat	Mechanical Metallurgy	3	Kalu (kalu@eng.famu.fsu.edu)	8:00 AM	9:15AM	T R	B134	COEB/CE2
5098	2897	EML	4316	301	0001	D&C	DynSys	Advanced Design & Analysis of Control Systems	3	Hubicki (hubicki@eng.famu.fsu.edu)	11:00AM	12:15PM	M W	B210	COEB/CE2
3980	2954	EML	4421	301	0001	FM&HT	ThrmFld s -	Propulsion Systems	3	Shih (shih@eng.famu.fsu.edu)	11:00AM	12:15PM	T R	AME 106	AME bldg
4093	2941	EML	4452	301	0001	FM&HT	ThrmFld s -	Sustainable Power Generation	3	Ordóñez, J. (ordonez@eng.famu.fsu.edu)	11:00AM	12:15PM	M W	A226	COEA/CE1
5099	12454	EML	4501	301	0001	D&C	DynSys	Machine Design	3	Hollis (hollis@eng.famu.fsu.edu)	8:00AM	9:15AM	M W	B114	COEB/CE2
5100	13073	EML	4536	301	0001	SM&M	MecMat	Design Using FEM	3	Krick (bkrick@eng.famu.fsu.edu)	2:00PM	3:15PM	M W	A226	COEA/CE1
5101	2945	EML	4711	301	0001	FM&HT	ThrmFld s -	Introduction to Gas Dynamics	3	Kumar (rkumar@eng.famu.fsu.edu)	2:00PM	3:15PM	M W	AME 106	AME bldg
5102	12457	EML	4841	301	0001	D&C	DynSys	Bio/Robotic Locomotion	3	Clark (clarkj@eng.fsu.edu)	3:30PM	4:45PM	M W	A125	COEA/CE1
4302	2900	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
4303	2901	EML	4930	302	0002	SM&M	MecMat	Energy Materials and Devices	3	Campbell (dcampbell@eng.famu.fsu.edu)	11:00AM	12:15PM	M W	A235	COEA/CE1
4571	2902	EML	4930	303	0003	SM&M	MecMat	Microstructure of Materials	3	Kametani (fkametani@eng.famu.fsu.edu)	2:00PM	3:15PM	T R	B134	COEB/CE2
4847	2969	EML	4930	305	0005	SM&M	MecMat	Thermodynamics for Materials Science	3	Hellstrom (ehellstrom@eng.famu.fsu.edu)	11:00AM	12:15PM	T R	B136	COEB/CE2
5114	2970	EML	4930	306	0006	FM&HT	ThrmFld s -	Analysis in Mechanical Engineering (Part II)	3	Shoele (kshoele@eng.famu.fsu.edu)	12:30PM	1:45PM	M W	A125	COEA/CE1
	13853	EML	4930		0013	SM&M	MecMat	Applied Superconductivity	3	Cooley (ldcooley@asc.magnet.fsu.edu)	12:30PM	1:45PM	T R	A125	COEA/CE1
5395		EML	4930	616		SM&M	MecMat	Applied Superconductivity	3	Cooley (ldcooley@asc.magnet.fsu.edu)	12:30PM	1:45PM	T R	A125	COEA/CE1
4317	9688	EMA	5226	301	0001	SM&M	MecMat	Mechanical Metallurgy	3	Kalu (kalu@eng.famu.fsu.edu)	8:00 AM	9:15AM	T R	B134	COEB/CE2
3785	13101	EML	5061	301	0001	FM&HT	ThrmFld s -	Analysis in Mechanical Engineering (Part II)	3	Shoele (kshoele@eng.famu.fsu.edu)	12:30PM	1:45PM	M W	A125	COEA/CE1
	13036	EML	5072		0001	SM&M	MecMat	Applied Superconductivity	3	Cooley (ldcooley@asc.magnet.fsu.edu)	12:30PM	1:45PM	T R	A125	COEA/CE1
4308		EML	5930	606		SM&M	MecMat	Applied Superconductivity	3	Cooley (ldcooley@asc.magnet.fsu.edu)	12:30PM	1:45PM	T R	A125	COEA/CE1

Spring 2023

<http://www.eng.fsu.edu/me/courses>

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5103	12458	EML	5155	301	0001	FM&HT	ThrmIFids	Convective Heat and Mass Transfer	3	Guo (wguo@eng.famu.fsu.edu)	3:30PM	4:45PM	M W	A223	COEA/CE1
4311	2904	EML	5317	301	0001	D&C	DynSys	Advanced Design & Analysis of Control Systems	3	Hubicki (hubicki@eng.famu.fsu.edu)	11:00AM	12:15PM	M W	B210	COEB/CE2
4314	2955	EML	5422	301	0001	FM&HT	ThrmIFids	Propulsion Systems (AERO Certificate Program)	3	Shih (shih@eng.famu.fsu.edu)	ONLINE			ONLINE	
3099	2942	EML	5453	301	0001	FM&HT	ThrmIFids	Sustainable Power Generation	3	Ordóñez, J. (ordonez@eng.famu.fsu.edu)	11:00AM	12:15PM	M W	A226	COEA/CE1
5104	13072	EML	5537	301	0001	SM&M	MecMat	Design Using FEM	3	Krick (bkrick@eng.famu.fsu.edu)	2:00PM	3:15PM	M W	A226	COEA/CE1
4313	2946	EML	5710	301	0001	FM&HT	ThrmIFids	Introduction to Gas Dynamics	3	Kumar (rkumar@eng.famu.fsu.edu)	2:00PM	3:15PM	M W	B214	COEB/CE2
5097	12439	EML	5710E	302	0002	FM&HT	ThrmIFids	Introduction to Gas Dynamics (AERO Certificate Program)	3	Ali (myali@eng.famu.fsu.edu)	ONLINE			ONLINE	
5106	12460	EML	5725	301	0001	FM&HT	ThrmIFids	Introduction to Computational Fluid Dynamics	3	Nair (usasidharannair@eng.famu.fsu.edu)	3:30PM	4:45PM	M W	A235	COEA/CE1
4094	12462	EML	5832	301	0001	D&C	DynSys	Bio/Robotic Locomotion	3	Clark (clarkj@eng.fsu.edu)	3:30PM	4:45PM	M W	A125	COEB/CE2
4305	2906	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
4304	2907	EML	5930	602	0002	SM&M	MecMat	Energy Materials and Devices	3	Campbell (dcampbell@eng.famu.fsu.edu)	11:00AM	12:15PM	M W	A235	COEA/CE1
3235	2908	EML	5930	603	0003	SM&M	MecMat	Microstructure of Materials	3	Kametani (fkametani@eng.famu.fsu.edu)	2:00PM	3:15PM	T R	B134	COEB/CE2
4306	2938	EML	5930	605	0005	SM&M	MecMat	Thermodynamics for Materials Science	3	Hellstrom (ehellstrom@eng.famu.fsu.edu)	11:00AM	12:15PM	T R	B136	COEB/CE2
4309		EML	5930	607				FAMU: MS_Prof Traineeship Project (BSMS Design Project)	3	Shih (shih@eng.famu.fsu.edu)	TBA				
	12463	EML	5955		0001			FSU: MS_Prof Traineeship Project (BSMS Design Project)	3	Shih (shih@eng.famu.fsu.edu)	TBA				
2753	2986	EML	5935	601	0001			ME Graduate Seminar	0	Oates (woates@eng.famu.fsu.edu)	1:00PM	2:00PM	F	AME 106	
Contact (Graduate Studies Program Administrator) Breda Arnell COE A240 WITH TOPIC TITLE needed for the following courses															
2860-	2905-	EML	5905	601 -	0001 -			(DIS) Directed Independent Study	1-6 (1-12)	ME Faculty member					
	2932-	EML	5971	601 -	0001 -			MASTER'S THESIS RESEARCH	3-6 (1-12)	ME Advisor					
3076-	2910-	EML	6980	601 -	0001 -			DISSERTATION	1-12	ME Advisor					
4781-	2989-	EML	8968	601 -	0001 -			PRELIMINARY DOCTORAL EXAM (scheduled Fall term only)	0	ME Advisor					
	2909-	EML	8976	301-	0001 -			MASTERS THESIS DEFENSE (ORAL)	0	ME Advisor					
4106-	2965-	EML	8985	301-	0001 -			DISSERTATION DEFENSE	0	ME Advisor					Updated 1/10/2023

Spring 2023

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