

MAE SUMMER 2026

FAMU	FSU	CLASS	FAMU Class Section Code	FSU Class Section Code	Course Title	Description	Room Name	Room Capacity	Primary Instructor Last Name	DAYS	Meeting Start Time	Meeting End Time
1077	741	EML3002L	1	1	ME TOOLS LAB	This course covers computer aided design and drafting, programming, machining, and a basic introduction to the mechanical engineering profession and ethics. Course includes building and testing a simple Stirling engine.	CE2_B0114	60	Larson	M	12:45 PM	3:45 PM
					ME TOOLS LAB		CE2_B0114	60	Larson	W	12:45 PM	2:15 PM
					ME TOOLS LAB		CE2_B0114	60	Larson	R	3:00 PM	6:00 PM
1078	742	EML3004	1	1	ENGINEERING STATICS	This course covers engineering statics, and a basic introduction to engineering design and analysis. It equips student with the fundamental knowledge and tools required for their subsequent courses in the broad area of engineering mechanics.	CE2_B0135	110	McConomy	T R	12:30 PM	1:45 PM
					ENGINEERING STATICS		CE2_B0135	110	McConomy	W	3:00 PM	4:35 PM
1742	743	EML3011	1	1	MECHANICS OF MATERIALS	This course is the first part of a two-part sequence integrating concepts of strength of materials and principles of materials. It provides students with an introduction to the analysis of the behavior of machine components and structures under various types of loading.	CE2_B0214	64	Campbell	T R	11:25 AM	1:00 PM
					MECHANICS OF MATERIALS		CE2_B0214	64	Campbell	W	11:25 AM	1:00 PM
1743	744	EML3013	1	1	DYNAMICS	This course is the first part of an integrated sequence in dynamics, vibrations and controls. Material in this first course includes the following: kinematics and kinetics of particles and rigid bodies, and energy and momentum methods. In addition, the course emphasizes on the utilization of computational tools to solve or simulate equations of motion of mechanical systems.	CE2_B0221	102	Ordonez, C	M W	3:30 PM	5:10 PM
1075	769	EML3100	1	1	THERMODYNAMICS (none-MAE students)	This course discusses the fundamentals of thermodynamics. System description, common properties. Properties of pure substances. Mathematical foundations. First and Second Laws of Thermodynamics, closed and open systems. Equations of state and general thermodynamic relations. For non-mechanical engineering majors.	ONLINE ONLY	NA	Ali	TBD	TBD	TBD
1076	768	EML3102	1	1	ENGINEERING THERMODYNAMICS	This course introduces basic concepts in engineering thermodynamics; thermodynamic properties of solids, liquids, and gases; and the first and second laws of thermodynamics.	ONLINE ONLY	NA	Ali	TBD	TBD	TBD

1610	763	EML3234	1	1	MATL SCI ENG	This course includes concepts of materials science and their relevance to engineering design. Recent advances in engineering materials science.	CE2_B0214	64	Campbell	MW	9:00 AM	10:35 AM
					MATL SCI ENG		CE2_B0214	64	Campbell	R	9:00 AM	10:35 AM
1187	745	EML3811	1	1	INTRODUCTION TO MECHATRONICS	This course offers a hands-on introduction to basic electronics, embedded controllers and their programming. It covers interfacing of microcontrollers with sensors and actuators of interest to the mechanical engineer.	CE2_B0214	64	Ordonez, C	T	9:15 AM	10:20 AM
1792	764	EML3811L	1	1	MECHATRONICS LAB		CE2_B0356	20	Ordonez, C	T	10:30 AM	12:25 PM
		EML3811L	1	1	MECHATRONICS LAB		CE2_B0356	20	Ordonez, C	R	12:45 PM	3:30 PM
1944	770	EML3811L	2	2	MECHATRONICS LAB		CE2_B0356A	9	Ordonez, C	T	10:30 AM	12:25 PM
		EML3811L	2	2	MECHATRONICS LAB		CE2_B0356A	9	Ordonez, C	R	12:45 PM	3:30 PM
		EML4905			DIRECTED INDV STUDY							
2212	5255	EML4552C	1	1	SR DESIGN PROJECT II	This is the second in a two-part course sequence presenting an integrated system design approach for engineering product realization. The course blends the perspectives of market research and planning, design cycle, project management and teamwork, and technical reporting. The course structure closely resembles on-the-job engineering education. This is the capstone course for Mechanical Engineering students.	CE2_B134		McConomy	MW	3:30PM	4:45PM