Course No.	Course Title	M	2019			2020			2021			2022			2023		
			S	SS	F	S	SS	F	S	SS	F	S	SS	F	S	SS	F
	Core Courses – Offered on EDGE																
EML 5104	Classical Thermodynamics	2			♦			♦			♦			♦			♦
EML 6154	Conduction Heat Transfer	2			♦			♦			♦			♦			♦
EML 6155	Convective Heat Transfer	2	♦			♦			♦			♦			♦		
EGM 6812	Fluid Mechanics	2			♦			♦			♦			♦			♦
EGM 6813	Fluid Mechanics 2	2	♦			♦			♦			♦			♦		
EAS 6138	Gas Dynamics	2	♦			♦			♦			♦			♦		
	Elective Courses																
EML 5131	Combustion	2			●			●			●			●			●
EML 5224	Acoustics	4						●						●			
EML 5465	Energy Management for Mechanical	4				♦						♦					
EML 5515	Gas Turbines and Jet Engines	4				●						●					
EML 5516	Design of Thermal Systems	4			♦						♦						♦
EML 5605	Advanced Refrigeration (+UG)	4						♦						♦			
EML 5714	Introduction to Compressible Flow (+UG)	1	♦		♦	♦		♦	♦		♦	♦		♦	♦		♦
EAS 5938	Rocket Propulsion	4						●						●			
EML 6606	Advanced Air Conditioning	4			♦						♦						♦
EML 6156	Multiphase Convective Heat Transfer	4							●						●		
EML 6157	Radiation Heat Transfer	4			●						●						●
EML 6417	Solar Energy Utilization (+UG)	3				♦					♦				♦		
EML 6451	Energy Conversion	2	♦			♦			♦			♦			♦		
EML 6934	Special Topics: New Developments in Interfaces with Mass and Inviscid Flows	??						●									
EAS 6939	Special Topics: Adv. Aerodynamics	??															
EAS 6939	Special Topics: The Navier-Stokes Eqns	??				●											
EGM 5121C	Data Measurement and Analysis	3			♦				♦					♦			
EGM 6855	Bio-Fluid Mech. and Bio-Heat Transfer	4				●						●					
EGM 6934	Special Topics: Multiphase Flow (of dispersed system)	4															
EGM 6934	Special Topics: Sources of Vorticity	??															
EGM 6934	Special Topics: Hydrodynamic Stability	??															
EGM 6934	Special Topics: Advanced Combustion	??							●								
EGM 7845	Turbulent Fluid Flow	4			●						●						●
BME 5580	Microfluidics and BioMEMS	3				●					●				●		

Course No.	Course Title	M	2019			2020			2021			2022			2023		
			S	SS	F	S	SS	F	S	SS	F	S	SS	F	S	SS	F
	Computational Courses																
EGM 6341	Num. Methods of Eng. Analysis I	2	♦			♦			♦			♦			♦		
EGM 6342	Computational Fluid Dynamics	4			♦						♦						♦
EGM 7819	Advanced Topics in CFD	4						●						●			
	Total Courses Offered																

M-Denotes number of semesters between course offering

♦-Denotes core course also offered on EDGE