Mechanical Engineering

2 YEAR PROJECTED COURSE OFFERINGS 2020-2022

Tentative: Check “Search for Classes” on SU Online for the quarterly schedule.
2018-2019 Course offerings are highly tentative at this time.

Subject-Course #	Course Name	Summer 19	Fall 20	Winter 21	Spring 21	Summer 20	Fall 21	Winter 22	Spring 22	Pre&Co-Requisites OR Notes
MEGR 1000	Introduction to Mechanical Engineering		●				●			
MEGR 1050	Engineering Graphics and Design		●	●			●	●		LAB FEE
MEGR 1060	Machine Shop			●	●		●	●	●	LAB FEE
MEGR 1890	Integrated Engineering Design Project I				●				●	LAB FEE
MEGR2100	Statics		●	●			●	●		PREQ: MATH 1335; PHYS 1210
MEGR 2300	Dynamics			●	●			●	●	PREQ: MEGR 2100
MEGR 2810	Engineering Methods		●		●		●		●	PREQ: PHYS 1210; MATH 1335; LAB FEE
MEGR 2890	Integrated Engineering Design Project II				●				●	LAB FEE
MEGR 3210	Thermodynamics		●				●			PREQ: MATH 2330; MEGR2300; LAB FEE
MEGR 3360	Instrumentation and Data Acquisition 1			●				●		PREQ: MEGR 2810, MATH 2340; COREQ: MEGR 3710, CEEGR3310; LAB FEE
MEGR 3370	Instrumentation and Data Acquisition 2				●				●	PREQ: MEGR 3360; COREQ: MEGR 3240; LAB FEE
MEGR 3500	Material Science		●				●			PREQ: CHEM 1500/1501; LAB FEE
MEGR 3710	Machine Design I			●				●		PREQ: CEEGR2210
MEGR 3240	Heat Transfer				●				●	PREQ: MEGR 3210; COREQ: CEEGR 3310
MEGR 3890	Integrated Engineering Design Project III				●				●	LAB FEE
MEGR 4210	Thermodynamics II			●				●		PREQ: MEGR 3210
MEGR 4350	Dynamic Systems		●				●			PREQ: MEGR 3710; LAB FEE
MEGR 4380	Control Systems			●				●		PREQ: MEGR 4350;
MEGR 4720	Machine Design II		●				●			PREQ: MEGR 3710
MEGR 4870	Engineering Design I		●				●			PREQ: DEPT PERMISSION
MEGR4880	Engineering Design II			●				●		PREQ: MEGR 4870
MEGR 4890	Engineering Design III				●				●	PREQ: MEGR 4880
MEGR 4910	Special Topics		●	●	●		●	●	●	MJR- ONLY
MEGR 5050	Finite Element Analysis								●	GRD ONLY
MEGR 5020	Energy Systems			●				●		GRD ONLY
MEGR 5030	Applied Fluid Dynamics				●				●	GRD ONLY
MEGR 5040	Advanced Engineering Materials		●				●			GRD ONLY
MEGR 5070	Advanced Dynamics			●				●		GRD ONLY
MEGR 5080	Digital Controls and Applications		●				●			GRD ONLY
MEGR 5110	Engineering Decision-Making		●				●			GRD ONLY
MEGR 5120	Advanced Engineering Methods				●				●	GRD ONLY
MEGR 5055	Advanced Computational Methods			●				●		GRD ONLY
MEGR 5990	Graduate Engineeering Project I		●	●	●		●	●	●	GRD ONLY
MEGR 5991	Graduate Engineeering Project II		●	●	●		●	●	●	GRD ONLY; PREQ: MEGR 5990

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