Mechanical Engineering Technical Elective Courses Schedule

Updated: March 2017

Semester	Group 1	Group 2
Fall 2017	ME 42100 Heating and Air Conditioning I	ME 49800 Research in Mech. Engineering
	ME 48000 Finite Element Analysis	MET 33500 Basic Machining
	ME 55000 Advanced Stress Analysis	SE 53000 Systems Engineering Management
	ME 54600 CAD/CAM Theory & Adv. Application	STAT 51100 Statistical Methods
Spring 2018	ME 42700 Sustainable Energy Sources & Systems	CS 38400 Numerical Analysis
	ME 43200 Manufacturing Processes	ME 49800 Research in Mech. Engineering
	ME 54400 M & S of Mech. Engr. Sys.	MET 33500 Basic Machining
	ME 54500 FEA: Adv. Theory & Applications	STAT 51100 Statistical Methods
Fall 2018	ME 42400 Design & Opt. of Thermal Systems	ME 49800 Research in Mech. Engineering
	ME 48000 Finite Element Analysis	MET 33500 Basic Machining
	ME 54700 Mechatronics, Robotics, & Automation	SE 55000 Adv. Manuf. Systems & Processes
	ME 55000 Advanced Stress Analysis	STAT 51100 Statistical Methods
Spring 2019	ME 42100 Heating and Air Conditioning I	CS 38400 Numerical Analysis
	ME 43200 Manufacturing Processes	ME 49800 Research in Mech. Engineering
	ME 54400 M & S of Mech. Engr. Sys.	MET 33500 Basic Machining
	ME 54600 CAD/CAM Theory & Adv. Application	SE 52000 Engineering Economics
		STAT 51100 Statistical Methods
Fall 2019	ME 42700 Sustainable Energy Sources & Systems	ME 49800 Research in Mech. Engineering
	ME 48000 Finite Element Analysis	MET 33500 Basic Machining
	ME 54700 Mechatronics, Robotics, & Automation	SE 53000 Systems Engineering Management
	ME 55000 Advanced Stress Analysis	STAT 51100 Statistical Methods
Spring 2020	ME 42100 Heating and Air Conditioning I	CS 38400 Numerical Analysis
	ME 47100 Vibration Analysis	ME 49800 Research in Mech. Engineering
	ME 54400 M & S of Mech. Engr. Sys.	MET 33500 Basic Machining
	ME 54500 FEA: Adv. Theory & Applications	STAT 51100 Statistical Methods

Note:

1. This schedule is subject to change.
2. Other courses in Group 2 of the Mechanical Engineering Technical Elective Courses list are also offered, however, there isn't a set schedule.
3. For information about the combined BSME/MSE degree contact Dr. Hosni Abu-Mulaweh (mulaweh@ipfw.edu).
4. For information about the Advanced Manufacturing Engineering Certificate program contact Dr. Don Mueller (don.mueller@ipfw.edu)