

	Fall	Winter	Spring
Course Offering Every Year and thereafter	ENGT 230 Statics (3)	ENGT 231 Strength of Materials (3)	ENGT 232 Adv. Strgth. of Materials (3) MFG 341 NC Programming (CATIA)
	MFG 341 NC Programming (CATIA) MET 375 Solid Modeling (CATIA)	MET 351 Finite Element Anal (CATIA) MET 375 Solid Modeling (CATIA)	MET 360 MATERIALS II MET 375 Solid Modeling (CATIA) MET 480 Vibrations (3)
	MET 232 Thermodynamics MFG 333 Statistical Methods in Quality Control (3)	MFG 343 Manufacturing Tool Design (3) MFG 342 Computer Aided Machining (3)	MFG 344 Design of Mfg. Tooling (3) MFG 314 Geometric Dimensioning and Tolerancing (3)
	ENGR 236 Fund Of Electric Circuits (3)** MET 415 Design Project	MET 207 Fluid Mechanics Lab (1) MET 218 Fluid Mechanics (4)	MET 323 Heat Transfer (3)
		MET 313 Applied Thermodynamics (3) MET 315 Machine Design I (3)*	MET 316 Machine Design II (3) MFG 313 Mfg. Analysis & Planning (3)
	MFG 533 Thermal Process in Mfg (3)	MFG 598 Lean Manufacturing (3)	MFG 596 Emission Control in Mfg (3)
	Alternate Years	MFG 331 INDUSTRIAL CONTROLS	MET 426 Fluid Power Systems (3) MFG 453 Automation & Robotics (3)
	2010/2011	MET 363 Instrumentation (3) ENGT 415 Occ. Safety & Health(3)	
	and after.	MET/MFG Elective MET/MFG Elective	MET/MFG Elective MET/MFG Elective MET/MFG (Struct Des &Mgf of P Vessels & He
	Alternate Years		MET 454 Thermo Syst. for Mfg (3) MET/MFG Elective MET/MFG Elective MFG 342 Computer Aided Design (3)
2011/2012 and after.	MET/MFG Elective MET/MFG Elective	MET/MFG Elective MET/MFG Elective	
Available by Individualized Instruction	MET 407 Integrated Tech. Assessment MFG 461 Senior Project I (3) MET 491 Senior Project I (3)	MET 407 Integrated Tech. Assessment MFG 462 Senior Project II (3) MET 492 Senior Project II (3)	MET 407 Integrated Tech. Assessment MFG 463 Senior Project III (3) MET 493 Senior Project III (3)

SUMMER	SUMMER
MFG 447 Lean Manufacture (3)	MET 326 Electric Power Systems (3)** MET 433 HVAC (3)
MFG 596 Environ. Conscious Mfg. (3)	MET 433 Heat Transfer II (Lab)