

TEMASEK POLYTECHNIC - DIPLOMA IN MECHATRONICS	WICHITA STATE UNIVERSITY
EO 1244: Engineering Mathematics	MATH 111: College Algebra
EO 1241: Circuit Analysis	Free elective
EO 1246: Technical Communication Skills 1 (L & R)	Free elective
EO 1242: Electronic Prototyping 1	Free elective
EO 2245: Engineering Mathematics 2	MATH 242Q: Calculus I
EO 1249: Electronic Devices	Free elective
EO 1251: Programming Fundamentals 1 AND EO 2252: Programming Fundamentals 2	E CE 229: Engineering Computing In C
EO 2247: Technical Communication Skills 1 (F & Op)	Free elective
EO 1255: Engineering Drawing 1	Free elective
EO 1258: Digital Techniques	Free elective
EO 1260: Mechatronics Science 1	Free elective
EO 2252: Programming Fundamentals 2 AND EO 1251: Programming Fundamentals 1	E CE 229: Engineering Computing In C
EO 3248: Technical Communication Skills (Trw)	Free elective
EO 2256: Engineering Drawing 2	Free elective
EO 1261: Manufacturing Processes	Industrial Engineering elective OR Manufacturing Engineering elective

EO 2259: Digital Circuits and Systems	Electrical Engineering elective
EO 3253: Programming/Problem Solving Techniques (Mtn)	C S 211: Problem Solving and Programming in C
EO 3257: Engineering Drawing 3	Free elective
EO 2243: Electronic Prototyping 2	Free elective
EO 3171: Design for Manufacturing and Assembly	Manufacturing Engineering elective
EO 1172: Mechanical Design Automation (Mcad/Fea)	Free elective
EO 2173: Mechatronics Science 2	Free elective
EO 3270: Power Electronics and Drives	Free elective
EO 1174: Electronics Design Automation (Ecad)	Free elective
EO 3019: Engineering Mathematics 3	MATH 243: Calculus II
EO 1175: Programmable Automation (Plc/Pneumatics)	Free elective
EO 3273: Microcontroller Technology I	Free elective
EO 2046: Integrated Circuit Applications I	Free elective
EO 2177: Cnc/Cam AND EO 4051: Computer Integrated Manufacturing	MFGE 575: Computer Aid. Manufacturing
EO 4178: Mechatronics Design	Free elective
EO 3179: Factory Automation/Robotics	Free elective
EO 3049: Product/Process Design	Free elective
EO 2050: Machine Vision Systems	Manufacturing Engineering elective

EO 4044: Control Engineering	Free elective
EO 1029: Quality Engineering	Free elective
EO 2037: Technical Communication Skills 2	ENGL 210: Composition: Business, Professional and Technical Writing
EO 3030: Project	Free elective
EO 3240: Data Communication and Networking 1	Free elective
EO 4051: Computer Integrated Manufacturing AND EO 2177: Cnc/Cam	MFGE 575: Computer Aid. Manufacturing
EO 3055: Manufacturing Logistics and Simulation	Free elective
EO 4160: Rapid Prototyping and Tooling	Free elective
EO 5161: Intelligent Systems	Free elective
EO 5162: Instrumentation and Computer Control	Free elective
EO 1168: Industrial Engineering	Industrial Engineering elective
EO 4272: Virtual Reality	Free elective
EO 1036: Management of Enterprise	Management elective

Last Updated: September 11, 2003