

TEMASEK POLYTECHNIC - DIPLOMA IN QUALITY ENGINEERING AND MANAGEMENT	WICHITA STATE UNIVERSITY
EO 1006: Engineering Mathematics	MATH 111: College Algebra
EO 1094: Electrical and Electronic Engineering	Free elective
EO 1057: Applied Statistics	STAT 370: Elementary Statistics
EO 1056: Fundamentals of Quality Engineering	Free elective
EO 1039: Engineering Drawing 1	Free elective
EO 1004: Programming/Problem Solving Techniques	C S 211: Problem Solving and Programming in C OR E CE 229: Engineering Computing in C
EO 1007: Technical Communication Skills 1	Free elective
EO 2013: Engineering Mathematics 2	MATH 242Q: Calculus I
EO 1170: Mechatronics Science 1	Free elective
EO 2231: Statistical Quality Control	Free elective
EO 2098: Electrical Theory and Practice	Free elective
EO 2045: Engineering Drawing 2	Free elective
EO 2232: Statistical Testing and Analysis	STAT 460: Elementary Probability and Statistics
EO 1071: Chemistry	CHEM 111Q: General Chemistry (no lab credit)
EO 1068: Dimensional Metrology AND EO 3075: Geometric Dimensioning and	MFGE 502: Manufacturing Measurement Analysis

Tolerancing	
EO 2069: Digital Electronics and Computers	Free elective
EO 2070: Manufacturing Processes	Industrial Engineering elective OR Manufacturing Engineering elective
EO 1233: Process Management and Innovation	Management elective
EO 2084: Organization and Human Resource Management	H R M 466: Fundamentals of Human Resource Management
EO 1067: Quality Cost/Cost Accounting	Accounting elective
EO 3075: Geometric Dimensioning and Tolerancing AND EO 1068: Dimensional Metrology	MFGE 502: Manufacturing Measurement Analysis
EO 2234: Manufacturing Systems	Free elective
EO 2077: Instrumentation/Calibration	Free elective
EO 3078: Semiconductors Technology	Free elective
EO 2074: Analytical Chemistry	CHEM 523: Analytical Chemistry
EO 1310: Environmental Technology	Free elective
EO 3235: Quality and Environmental Systems	Free elective
EO 2236: Quality Information Systems	M I S 495: Management Information Systems
EO 3082: Design of Experiments	Free elective
EO 2083: Materials and Testing	Free elective
EO 3237: Total Quality Management	Business elective

EO 2037: Technical Communication Skills 2	ENGL 210: Composition: Business, Professional and Technical Writing
EO 4086: Quality Audit and Assessment	Business elective
EO 3087: Reliability Engineering	Free elective
EO 3088: Management of Enterprise	ENTRE 310C: Entrepreneurial Experience
EO 3089: Final Year Project	Free elective
EO 4238: Product Quality and Integrated Applications	Business elective
EO 4239: Product Quality and Integrated Applications	Business elective

Last Updated: December 3, 2003