

TEMASEK POLYTECHNIC - DIPLOMA IN INTELLIGENT BUILDING TECHNOLOGY	WICHITA STATE UNIVERSITY
EO 1094: Electrical and Electronic Engineering	Free elective
EO 1095: Mechanical Engineering 1	Free elective
EO 1039: Engineering Drawing 1	Free elective
EO 1097: Fundamentals of Intelligent Building Systems	Free elective
EO 1003: Digital Techniques	Free elective
EO 1006: Engineering Mathematics 1	MATH 111: College Algebra
EO 1004: Programming/Problem Solving Techniques	C S 211: Problem Solving and Programming in C  <b>OR</b>  E CE 229: Engineering Computing in C
EO 1007: Technical Communication Skills 1	Free elective
EO 2098: Electrical Theory and Practice	Free elective
EO 2099: Mechanical Engineering 2	Free elective
EO 3224: Fundamentals of Fluid Mechanics	Free elective
EO 2010: Digital Circuits/Systems	Electrical Engineering elective
EO 2013: Engineering Mathematics 2	MATH 242Q: Calculus I
EO 1107: Electrical Drives and Vertical Transportation	Free elective
EO 3102: Electrical Installation and Design	Free elective
EO 3101: Air Conditioning and Ventilation	Free elective

EO 1103: Hydraulic and Fire Systems	Free elective
EO 2104: Building Drawing	Free elective
EO 1109: Security and Access Control Systems	Free elective
EO 3017: Microcontroller Technology	Free elective
EO 3212: Building services Design and Plans	Free elective
EO 1214: Lighting and Acoustics	Free elective
EO 3216: Instrumentation and Control Engineering	Free elective
EO 4023: IO Interfacing	Free elective
EO 4020: Project Management	Free elective
EO 1110: Building Automation and Energy Management Systems	Free elective
EO 4108: Information Technology and Office Automation	Under evaluation
EO 2037: Technical Communication Skills 2	ENGL 210: Composition: Business, Professional and Technical Writing
EO 3030: Final Year Project	Free elective
EO 1112: Property and Maintenance Management	Free elective
EO 4217: Principles and Design of Low-voltage Systems	Free elective
EO 4113: Air Conditioning Design	Free elective
EO 6219: Sensors and Actuators Technology	Free elective
EO 4220: Building Control Network	Free elective
EO 5287: Building Telecommunication and Structured Cabling Systems	Free elective

EO 1282: Management of Enterprise	Management elective
EO 1181: Contract Administration	Free elective
EO 4114: Electrical Distribution and Protection System	Free elective
EO 2218: Fire Engineering	Free elective
EO 5222: Systems Integration	Free elective

*Last Updated: September 23, 2003*