

<p style="text-align: center;"><b>NANYANG POLYTECHNIC</b></p> <p style="text-align: center;"><b>DIPLOMA IN MECHATRONICS ENGINEERING</b></p>	<p style="text-align: center;"><b>WICHITA STATE UNIVERSITY</b></p>
EG 1001: Engineering Mathematics 1A/1B	Free Elective
EG 1008: Engineering Mathematics 1A/1C	Free Elective
EG 1010: Digital Electronics	Free Elective
EG 1014: Communication Skills 1	Free Elective
EG 1016: Machine Elements & Assembly	Free Elective
EG 1017: Engineering Mechanics 1	Free Elective
EG 1020: Electronics Devices & Circuits	Free Elective
EG 1024: Materials Technology	Free Elective
EG 1052: Productivity & Creativity	Free Elective
EG 1074: Electrical Principles & Circuits	Free Elective
EG 1088: Computer Programming	Free Elective
EG 1089: Engineering Drawing/CADD	Free Elective
EG 1090: Machining Technology & Practice	Free Elective
EG 1091: Semestral Project 1	Free Elective
EG 1092: Semestral Project 2	Free Elective
EG 2001: Engineering Mathematics 2A	Free Elective
EG 2003: Electrical Machines & Control	Free Elective
EG 2004: Automatic Control 1	Free Elective
EG 2009: Microprocessor Technology	Free Elective
EG 2013: Communication Skills 2	COMM 325: Speaking in Business & the Professions
EG 2017: Manufacturing Processes & Systems	Free Elective
EG 2028: Quality Assurance	Free Elective
EG 2049: Mechanical Design 1B	Free Elective

EG 2082: Thermofluids	Free Elective
EG 2089: Engineering Mathematics 2C	Free Elective
EG 2108: Device Interface & Programming	Free Elective
EG 2109: Robotics System & Peripherals	Free Elective
EG 2110: Semestral Project 3	Free Elective
EG 2111: Semestral Project 4	Free Elective
EG 3016: Multimedia Engineering	Free Elective
EG 3019: Robotic Technology	Free Elective
EG 3020: Computer Vision & Image Processing	Free Elective
EG 3028: Industrial Automated Systems	Free Elective
EG 3029: Power Electronics & Motion Control	Free Elective
EG 3073: 14-Week Full-Time Semestral Project	Free Elective
EG 3074: 14-Week Full-Time Semestral Project	Free Elective
EG 3100: Semiconductor Technology	Free Elective
EG 3101: Wafer Fabrication Processes	Free Elective
EG 3102: 14-Week Full-Time Semestral Project	Free Elective
EG 3111: 8-Week Industrial Attachment Programme	Free Elective
EG 3131: Automation Control Technology	Free Elective
EG 3182: Vacuum Technology & RF Plasma	Free Elective
EG 3183: Semestral Project 5	Free Elective
EG 3184: Semiconductor Manufacturing Technology	Free Elective
EG 3185: Product Design	Free Elective
EG 3186: Product Electronics	Free Elective

EG 3187: Control Techniques & Programming	Free Elective
EG 3188: Computer-Aided Design	Free Elective
EG 3189: Industrial Robotics	Free Elective

*Last Updated: July 20, 2004*