

<b>NANYANG POLYTECHNIC</b> <b>DIPLOMA IN ELECTRONICS, COMPUTER &amp; COMMUNICATIONS ENGINEERING</b>	<b>WICHITA STATE UNIVERSITY</b>
EG 1001: Engineering Mathematics 1A/1B	Free Elective
EG 1002: Engineering Science	Free Elective
EG 1003: Electrical Principles	Free Elective
EG 1004: Analog Electronics	Free Elective
EG 1005: Computer & Programming 1	Free Elective
EG 1006: Engineering Drawing/CADD	Free Elective
EG 1008: Engineering Mathematics 1A/1C	Free Elective
EG 1009: Electric Circuits	Free Elective
EG 1010: Digital Electronics	Free Elective
EG 1011: Electronic Measurement Techniques	Free Elective
EG 1012: PCB Design & Prototyping	Free Elective
EG 1014: Communication Skills 1	Free Elective
EG 1052: Productivity & Creativity	Free Elective
EG 1085: Semestral Project 1	Free Elective
EG 1086: Semestral Project 2	Free Elective
EG 2001: Engineering Mathematics 2A	Free Elective
EG 2002: Electronic Circuit Analysis	Free Elective
EG 2005: Electronic Troubleshooting Techniques	Free Elective
EG 2008: Engineering Mathematics 2B	Free Elective
EG 2009: Microprocessor Technology	Free Elective
EG 2010: Electronic Communication	Free Elective
EG 2011: Data Communication	Free Elective
EG 2012: Computer & Programming 2	C S 300: Data Structures and Algorithms I

EG 2013: Communication Skills 2	COMM 325: Speaking in Business & the Professions
EG 2094: Automation & Control	Free Elective
EG 2095: Electrical Machines	Free Elective
EG 2096: Semestral Project 3	Free Elective
EG 2097: Semestral Project 4	Free Elective
EG 2098: Industrial Electronics & Control	Free Elective
EG 2099: EDA Tools	Free Elective
EG 2100: Quality Assurance	Free Elective
EG 3010: Microelectronics	Free Elective
EG 3011: Optoelectronics & Lasers	Free Elective
EG 3012: RF Electronics	Free Elective
EG 3013: Digital Signal Processing	Free Elective
EG 3014: Intelligent Systems & Applications	Free Elective
EG 3015: Computing Technology	Free Elective
EG 3016: Multimedia Engineering	Free Elective
EG 3017: Communication & Networking	Free Elective
EG 3018: Manufacturing Information Technology	Free Elective
EG 3020: Computer Vision & Image Processing	Free Elective
EG 3027: Instrumentation & Test Engineering	Free Elective
EG 3030: Wireless Technology & Applications	Free Elective
EG 3065: Programmable Logic Devices & Applications	Free Elective
EG 3071: Full-Time Semestral Project	Free Elective
EG 3072: Full-Time Semestral Project	Free Elective

EG 3085: Fuzzy & Neural Systems	Free Elective
EG 3100: Semiconductor Technology	Free Elective
EG 3101: Wafer Fabrication Processes	Free Elective
EG 3104: Software & Database Design	Free Elective
EG 3105: Data Storage & Technology	Free Elective
EG 3106: Full-Time Semestral Project	Free Elective
EG 3107: Full-Time Semestral Project	Free Elective
EG 3110: Industrial Attachment Programme	Free Elective
EG 3129: Troubleshooting & Failure Analysis	Free Elective
EG 3130: VHDL & High Level Design	Free Elective
EG 3131: Automation Control Technology	Free Elective
EG 3132: Electronic Systems Integration	Free Elective
EG 3160: Semestral Project 5	Free Elective
EG 3161: Embedded Systems Design	Free Elective
EG 3162: Digital Communication Technology	Free Elective
EG 3163: Electromagnetic Compatibility	Free Elective
EG 3164: RF Circuit & System Simulation	Free Elective
EG 3165: Motion Control	Free Elective
EG 3166: Power Electronics	Free Elective
EG 3168: Full-Time Semestral Project	Free Elective
EG 3169: Full-Time Semestral Project	Free Elective

*Last Updated: July 20, 2004*