



Bachelor of Technology Instrumentation Technology 128 Credit Hours

	Semester 1 16 Hours	Semester 2 15 hours	Semester 3 16 Hours	Semester 4 17 hours	Semester 5 15 hours	Semester 6 16 hours	Semester 7 18 hours	Semester 8 15 Hours
Technical	DC Electronics and Metrology ETDE 1243 Corequisite MATH 1513	Hydraulics & Pneumatics ETDE 2253 Corequisite ETDE 1343	Electronic Devices and Standards ETDE 1363 Prerequisites ETDE 1243 ETDE 1263	Digital Systems and Microcontrollers ETDE 1373 Prerequisites ETDE 1363	Electronic Control Devices ETDE 2223/3113 Prerequisite ETDE 1363	Liquid and Gas Flow Measurement ETDE 4233	Internship ETDE 3112 Prerequisite Must take in next to last semester	Capstone ETDE 4813 Prerequisite Must take in last semester
Comm	Introduction to Design/ Drafting ETDG 1143 Corequisite MATH 0163 or higher	AC Electronics and Photonics ETDE 1263 Prerequisites MATH 1513 Corequisite MATH 1613	Intro to PLC ETDE 2113 Prerequisite ETDE 1343	PLC Applications ETDE 2123/3143 Prerequisites ETDE 2113	ETDE 2223 ELECTRICAL POWER DISTRIBUTION PREREQ ETDE 1243 ETDE 1263 ETDE 1363	Industrial Networks ETDE 3223		Distributed Control Systems ETDE 4313 Prerequisites ETDE 3223
Math	Freshman Comp I ENGL 1113	Motors&Controls ETDE 1343	Intro to Nano ETNT 1013	Instrumentation ETDE 2133/3123 Prerequisites ETDE 1243 ETDE 1263	Heat Transfer & Fluid Mechanics ETDE 3313 Prerequisites MATH 2144	Programming for Instrumentation ETDE 3513 Prerequisites ETDE 3143		Process Measurement and Control ETDE 3133
Science	College Algebra MATH 1513 Prerequisites MATH 0163 OR Passed Compass Test	Freshman Composition II ENGL 1213 Prerequisites ENGL 1113	Small Group Communications SPCH 2313	Calculus I Math 2144 Prerequisites MATH 1513 MATH 1613	Humanities I HUM 1013	Project Management & Engr Economics ETDE 3213	Technical Writing III ENGL 3323 Online Prerequisites ENGL 1213 Online	History HIST 1483 or 1493
Social/Political Science	Government POLS 1113	Trigonometry MATH 1613	Physics I PHYS 1114 Prerequisites MATH 1513 MATH 1613	Physics II PHYS 1214 Prerequisites PHYS 1114 MATH 1513	Calculus II Math 2153 Prerequisites MATH 2123	Chemistry I CHEM 1314 Prerequisites MATH 1513	Ethics PHIL 1213 Online	Intro to Psychology PSYC 1113
Other								
Internship		Cornerstone GTGE 1111						

Engineering Technologies Division

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