



Bachelor of Technology Instrumentation Technology 128 Credit Hours

Semester 1 12 hours FALL OR SPRING	Semester 2 15 hours SPRING OR SUMMER	Semester 3 16 hours SUMMER OR FALL	Semester 4 16 hours FALL OR SPRING	Semester 5 16 hours SPRING OR SUMMER	Semester 6 16 hours SUMMER OR FALL	Semester 7 12 hours FALL OR SPRING	Semester 8 13 hours SPRING OR SUMMER	Semester 9 12 hours SUMMER OR FALL
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<p>DC Electronics and Metrology ETDE 1243</p> <p>Corequisite MATH 1513</p>	<p>AC Electronics and Photonics ETDE 1263 Prerequisites MATH 1513 ETDE 1243 Corequisite MATH 1613</p>	<p>Electronic Devices and Standards ETDE 1363</p> <p>Prerequisites ETDE 1263</p>	<p>Digital Systems and Microcontrollers ETDE 1373</p> <p>Prerequisite ETDE 1363</p>	<p>Electronic Control Devices ETDE 2273 Prerequisites ETDE 1343 ETDE 1363</p>	<p>Heat Transfer & Fluid Mechanics ETDE 3313 Prerequisites MATH 2144 PHYS 1214 ETDE 2253</p>	<p>Programming for Instrumentation ETDE 3513 Prerequisite ETDE 3123</p>	<p>Process Measurement ETDE 4133 Prerequisites MATH 2153 ETDE 3223 ETDE 3233 ETDE 3513</p>	<p>Internship ETDE 4112 Prerequisite ETD 2411</p>
<p>Basic Mechanics ETD 1102</p>	<p>Motors&Controls ETDE 1343 Prerequisite ETDE 1243 Corequisite ETDE 1263</p>	<p>ETDE 2223 ELECTRICAL POWER DISTRIBUTION Prerequisite ETDE 1263 Corequisite ETDE 1363</p>	<p>Intro to PLC ETDE 2113</p> <p>Prerequisite ETDE 1343</p>	<p>PLC Applications ETDE 2123 Prerequisites ETDE 2113</p>	<p>Industrial Networks ETDE 3223 Prerequisites ETDE 2123 ETDE 2273</p>	<p>Liquid and Gas Flow Measurement ETDE 3233 Prerequisite ETDE 3313 PHYS 1214</p>	<p>Distributed Control Systems ETDE 4313 Prerequisites MATH 2153 ETDE 3223</p>	
<p>Introduction to Design/Drafting ETDG 1143 Corequisite MATH 0163 or higher</p>	<p>Hydraulics & Pneumatics ETDE 2253 Prerequisites MATH 1513 ETDE 1243</p>	<p>History HIST 1483 or 1493</p>	<p>Small Group Communications SPCH 2313</p>	<p>Ethics PHIL 1213</p>	<p>Instrumentation ETDE 3123 Prerequisites ETDE 1373 ETDE 2123</p>	<p>Project Management & Engr Economics ETDE 3213</p>	<p>Capstone ETDE 4813 Prerequisites ENGL 3323 ETDE 3213 ETDE 3223 ETDE 3513</p>	
<p>College Algebra MATH 1513 Prerequisites MATH 0163 OR Passed Compass Test</p>	<p>Trigonometry MATH 1613</p>	<p>Calculus I Math 2144 Prerequisites MATH 1513 MATH 1613</p>	<p>Calculus II Math 2153 Prerequisites MATH 2144</p>	<p>Government POLS 1113</p>	<p>Humanities I HUM 1013</p>	<p>Technical Writing III ENGL 3323 Online Prerequisites ENGL 1213</p>	<p>Employment Exploration ETD 2411</p>	
<p>College Strategie ORIE 1011</p>	<p>Freshman Comp I ENGL 1113</p>	<p>Freshman Composition II ENGL 1213 Prerequisites ENGL 1113</p>	<p>Physics I PHYS 1114 Prerequisites MATH 1513 MATH 1613</p>	<p>Physics II PHYS 1214 Prerequisites PHYS 1114 MATH 1513</p>	<p>Chemistry I CHEM 1314 Prerequisites MATH 1513</p>	<p>Intro to Psychology PSYC 1113</p>		

Engineering Technologies Division

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REVISED SPRING 2015

**DISCUSSION PURPOSES ONLY
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OFFICIAL DEGREE PLAN**