



**Bachelor of Technology in Instrumentation Engineering Technology
 (128 Credit Hours)**

Sample Enrollment Guide

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
AC/DC Circuits ETDE 1283 Corequisite: MATH 1513	AC/DC Circuits II ETDE 1293 Prerequisite: ETDE 1283 Corequisite: MATH 1613	Electronic Devices & Standards ETDE 1363 Prerequisite: ETDE 1293	Digital Systems & Microcontrollers ETDE 1373 Prerequisite: ETDE 1363	Electronic Control Devices ETDE 2273 Prerequisites: ETDE 1343 ETDE 1363	Heat Transfers & Fluid Mechanics ETDE 3313 Prerequisites: ETDE 2253 MATH 2144 PHYS 1214	Programming for Instrumentation ETDE 3513 Prerequisite: ETDE 3123	Process Measurement ETDE 4133 Prerequisites: MATH 2153 ETDE 3223 ETDE 3233 ETDE 3513	Internship ETDE 4112 Prerequisite: ETD 2411
Basic Mechanics ETD 1102	Motors & Controls ETDE 1343 Prerequisite: ETDE 1283 Corequisite: ETDE 1293	Electrical Power Distribution ETDE 2223 Prerequisite: ETDE 1293 Corequisite: ETDE 1363	Intro to PLC ETDE 2113 Prerequisite: ETDE 1343	PLC Applications ETDE 2123 Prerequisite: ETDE 2113	Industrial Networks ETDE 3223 Prerequisites: ETDE 2123 ETDE 2273	Liquid & Gas Flow Measurement ETDE 3233 Prerequisites: ETDE 3313 PHYS 1214	Distributed Control Systems ETDE 4313 Prerequisites: MATH 2153 ETDE 3223	
Introduction to Design/Drafting ETDG 1143 Corequisite: MATH 1513	Hydraulics & Pneumatics ETDE 2253 Prerequisite: ETDE 1283	History HIST 1483 or HIST 1493	Small Group Communications SPCH 2313	Ethics PHIL 1213	Instrumentation ETDE 3123 Prerequisites: ETDE 1373 ETDE 2123	Project Management & Engineering Economics ETDE 3213	Capstone ETDE 4813 Prerequisites: ENGL 3323 ETDE 3213 ETDE 3223 ETDE 3513	
College Algebra MATH 1513 Prerequisite: MATH 0162 or ACCUPLACER® Test	Trigonometry MATH 1613	Calculus I MATH 2144 Prerequisites: MATH 1513 MATH 1613	Calculus II MATH 2153 Prerequisite: MATH 2144	Government POLS 1113	Humanities I HUM 1013	Technical Writing III ENGL 3323 Prerequisite: 1213	Employment Exploration ETD 2411	
College Strategies ORIE 1011	Freshman Comp I ENGL 1113	Freshman Comp II ENGL 1213 Prerequisite: ENGL 1113	Physics I PHYS 1114 Prerequisite: MATH 1513 MATH 1613	Physics II PHYS 1214 Prerequisites: PHYS 1114	Chemistry I CHEM 1314 Prerequisite: Math 1513		Intro to Psychology PSYC 1113	

Discussion purpose only. Refer to Academic Catalog for official plan of study.