

LA Perkins Eligible CTE Program of Study Sequence of Course

Career Cluster: Manufacturing

Pathway: Industrial Instrumentation Technology

Program: Industrial Instrumentation Technology

Course Type	Course Number	Course Name	Carnegie Units / Credit Hours	Course IBC	Program Credential	Dual Enrollment Option	Adult Ed Option	Correction Option	Equivalent Course Number Code	Equivalent Course Name	Equivalent Carnegie Units / Credit Hours
S	110722 OR 313502	NCCER Instrumentation Control Mechanic I	2	NCCER Level 1 or 2: Instrumentation			NCCER Core				
S	110728 OR 313513	NCCER Instrumentation Control Mechanic II	3								
S	313517	NCCER Instrumentation Control Mechanic III	1								
S	313520	NCCER Instrumentation IV	1								
S	313730	NCCER Industrial Maintenance Electrical & Instrumentation I	2								
PS	CPTR 1000	Introduction To Computers	2		CTS Industrial Electronic Repair	CPTR 1000 Dual Enrollment with a High School Instructor at Caldwell Parish High School (2 Credits)					
PS	INST 1000	Introduction to Industrial Instrumentation	3			INST 1000 Dual Enrollment with a Delta College Instructor (3 Credits)					
PS	INST 1010	Fundamentals of Direct & Alternatin Current Circuits	3								
PS	INST 1020	Solid State Devices and Circuits	3								
PS	INST 1030	Digital Logic & Analog/Digital Conversion	3								
PS	INST 1500	Practical Wiring and Fabrication	2								
PS	INST 1510	Motors and Motor Control	3								
PS	INST 1520	Primary/Final Elements and Control Loops	3								
PS	INST 1530	Properties of Temperature, Pressure, and Flow	3								
PS	INST 1540	Automatic Control, Controllers, and Tuning	3								
PS	ORNT 1000	Freshman Seminar	1								
PS	INST 2010 OR PTEC 203	Safety Standards and Systems OR Safety Health And Environment	3			TD Industrial Instrumentation Technician					
PS	INST 2020	Programmable Logic Controllers	4								
PS	INST 2030	Communication and Distributed Control	3								
PS	JOBS 2450	Job Seeking Skills	2								
PS	SPCM 120	Intro To Public Speaking	3								
PS	ENGL 101	English Composition I	3		AAS Industrial Instrumentation Technology						
PS	Humanities - 3 credit hours										
PS	MATH 110 OR MATH 117	College Algebra	3								
PS	PHSC 100	Physical Science I	3								
PS	PSYC 201	Introduction To Psychology	3								