

**Labor Market Skills**  
related to Industrial  
Instrumentation Tech

**Technical Skills**

- HVAC
- Mechanics
- Plumbing
- Preventive Maintenance
- Painting
- Carpentry
- Pumps

**Common Skills**

- Operations
- Communications\*
- Management\*
- Troubleshooting\*  
(Problem Solving)
- Computer Literacy
- Planning\*

\* Indicates Perkins essential employability skill or similar

College Degree

Associate of Applied Science in Industrial Instrumentation Technology
CPTR 1000
ENGL 101
Humanities - 3 credit hours
INST 1000
INST 1010
INST 1020
INST 1030
INST 1500
INST 1510
INST 1520
INST 1530
INST 1540
INST 2010
PTEC 203
INST 2020
INST 2030
JOBS 2450
MATH 110
ORNT 1000
PHSC 100
PSYC 201
SPCM 120

Exit into the labor market

**17-3026 Industrial Engineering Technologists and Technicians** (Greater Louisiana)  
Annual Openings: 68  
Median Hourly Wage: \$40

**11-3051 Industrial Production Managers**  
Annual Openings: 15  
Median Hourly Wage: \$56

Re-Enter from the labor market  
after obtaining a TD

Technical Diploma in Industrial Instrumentation Technician
CPTR 1000
INST 1000
INST 1010
INST 1020
INST 1030
INST 1500
INST 1510
INST 1520
INST 1530
INST 1540
INST 2010
PTEC 203
INST 2020
INST 2030
ORNT 1000
SPCM 120
JOBS 2450

Exit into the labor market

**49-2094 Electrical and Electronics Repairers, Commercial and Industrial Equipment** (Greater Louisiana)  
Annual Openings: 135  
Median Hourly Wage: \$30

**49-9041 Industrial Machinery Mechanics**  
Annual Openings: 58  
Median Hourly Wage: \$24

**51-1011 First-Line Supervisors of Production and Operating Workers**  
Annual Openings: 64  
Median Hourly Wage: \$27

Re-Enter from the labor market  
after obtaining a CTS

Certificate of Technical Studies in Industrial Electronic Repair
CPTR 1000 ●
INST 1000 ●
INST 1010
INST 1020
INST 1030
INST 1500
INST 1510
INST 1520
INST 1530
INST 1540
ORNT 1000

Exit into the labor market

**49-9071 Maintenance and Repair Workers, General**  
Annual Openings: 174  
Median Hourly Wage: \$14

**49-9098 Helpers--Installation, Maintenance, and Repair Workers**  
Annual Openings: 17  
Median Hourly Wage: \$11

Adult Education NCCER CORE  
Course

**High School Entrance** into the  
community college pathway with any  
of these certifications

23 credits total with 9 credit of  
Jump Start 2.0 specific courses  
leading to one of the below  
credentials is required for a  
TOPS Tech diploma

NCCER Level 1 or 2:  
Instrumentation

**Example Courses:**

- 110722 OR 313502 - NCCER  
Instrumentation Control  
Mechanic I
- 110728 OR 313513 - NCCER  
Instrumentation Control  
Mechanic II
- 313517 - NCCER  
Instrumentation Control  
Mechanic III
- 313520 - NCCER  
Instrumentation IV

These local occupations include those most aligned with the highest annual openings, and wages above a self sufficiency level

**Manufacturing Production Process Development - Industrial Instrumentation Pathway**

● Indicates course has a dual enrollment option

Note: No related corrections career technical education courses in this pathway