



DEGREE SHEET / 2023-2024 CATALOG

Student name:

Eagle ID:

Eagle Email:

Phone:

Certificate of Technical Trades (Plumbing Concentration)

The Certificate in Technical Trades (Plumbing Concentration) program will provide you with opportunities to develop marketable skills installing, repairing, and maintaining common residential and commercial plumbing systems. The core principles and concepts of plumbing systems are covered in each course. Students completing this program may continue to an Associate Degree in Technical Trades (Plumbing).

GENERAL EDUCATION REQUIREMENTS (6 Credits)	SEMESTER	GRADE
AREA I: COMMUNICATIONS (3 Credits)		
ENGL 1110 Composition I (3) <i>Pre-requisites: ENG 109N or adequate score on the Course Placement Evaluation</i>		
AREA II: MATHEMATICS (3 Credits)		
MATH 1170 Applied Trades Math (3) <i>Pre-Requisite: None</i>		
PROGRAM REQUIREMENTS (29 Credits)		
PLBT 1000 OSHA 10 for the Construction Industry (1) <i>Pre-requisite: None</i>		
PLBT 1001 Use and Care of Tools (2) <i>Pre-requisite: None</i>		
PLBT 1002 Soldering and Brazing (2) <i>Pre-requisite: None</i>		
PLBT 1200 Rigging and Signaling (2.5) <i>Pre-requisite: None</i>		
PLBT 1201 Plan Reading/Drawing (1) <i>Pre-requisite: None</i>		
PLBT 1202 Pipes, Valves, Fitting (2) <i>Pre-requisite: None</i>		
PLBT 1203 Plastic Piping Installer (2) <i>Pre-requisite: None</i>		
PLBT 1204 Plumbing Fixtures and Appliances (1.5) <i>Pre-requisite: None</i>		

PLBT 1205 Water Supply (2) <i>Pre-requisite: None</i>		
PLBT 1300 Drainage (1) <i>Pre-requisite: None</i>		
PLBT 1301 Gas Installations (1.5) <i>Pre-requisite: None</i>		
PLBT 2100 Basic Electricity (2.5) <i>Pre-requisite: None</i>		
PLBT 2102 Hydronics (2.5) <i>Pre-requisite: None</i>		
PLBT 2200 Mechanical Code (2.5) <i>Pre-requisite: None</i>		
PLBT 2201 Plumbing Code (2.5) <i>Pre-requisite: None</i>		
PLBT 2300 Pneumatic & Electrical Controls (0.5) <i>Pre-requisite: None</i>		
TOTAL CREDITS 35		
ADVISOR APPROVAL	DATE	

SUGGESTED SEQUENCE OF COURSES

FIRST SEMESTER (11 Credits)

PLBT 1000 OSHA 10 for the Construction Industry (1)
 PLBT 1001 Use and Care of Tools (2)
 PLBT 1002 Soldering and Brazing (2)
 MATH 1170 Applied Trades Math (3)
 ENGL 1110 Composition I (3)

SECOND SEMESTER (11 Credits)

PLBT 1200 Rigging and Signaling (2.5)
 PLBT 1201 Plan Reading/Drawing (1)
 PLBT 1202 Pipes, Valves, Fitting (2)
 PLBT 1203 Plastic Piping Installer (2)
 PLBT 1204 Plumbing Fixtures and Appliances (1.5)
 PLBT 1205 Water Supply (2)

THIRD SEMESTER (13 Credits)

PLBT 1300 Drainage (1)
 PLBT 1301 Gas Installations (1.5)
 PLBT 2100 Basic Electricity (2.5)
 PLBT 2102 Hydronics (2.5)
 PLBT 2200 Mechanical Code (2.5)
 PLBT 2201 Plumbing Code (2.5)
 PLBT 2300 Pneumatic & Electrical Controls (0.5)