



DEGREE SHEET / 2021-2022 CATALOG

Student name:

Eagle ID:

Eagle Email:

Phone:

Certificate of Technical Trades (Pipefitting Concentration)

The Certificate in Technical Trades (Pipefitting Concentration) program will provide you with opportunities to develop marketable skills installing, repairing, and maintaining common residential and commercial pipes for plumbing systems. The core principles and concepts of pipefitting for 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>		
PROGRAM REQUIREMENTS (29 Credits)		
MATH 1170 Applied Trades Math (3) <i>Pre-Requisite: None</i>		
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 1302 Metallurgy (2.5) <i>Pre-requisite: None</i>		
PLBT 1303 Layout and Design (2.0) <i>Pre-requisite: None</i>		
PLBT 1304 Cutting and Beveling (2.0) <i>Pre-requisite: PLBT 1303 Layout and Design</i>		
PLBT 1305 Shielded Metal Arc Welding (SMAW) (2.0) <i>Pre-requisite: PLBT 1302 Metallurgy</i>		
PLBT 2200 Mechanical Code (2.5) <i>Pre-requisite: None</i>		
PLBT 2202 Pipefitter Installer Code (2.0) <i>Pre-requisite: PLBT 2200 Mechanical Code</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 1302 Metallurgy (2.5)
 PLBT 1303 Layout and Design (2.0)
 PLBT 1304 Cutting and Beveling (2.0)
 PLBT 1305 Shielded Metal Arc Welding (SMAW) (2.0)
 PLBT 2200 Mechanical Code (2.5)
 PLBT 2202 Pipefitter Installer Code (2.0)