



DEGREE SHEET / 2021-2022 CATALOG

Student name:

Eagle ID:

Eagle Email:

Phone:

Certificate of Technical Trades (Plumbing, Apprenticeship track)

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). This program is only offered to members of the Local 412 Plumbing & Pipefitters Union.

GENERAL EDUCATION REQUIREMENTS (6 Credits)	SEMESTER	GRADE
AREA I: COMMUNICATIONS (3 Credits)		
ENGL 1110 Composition I (3.0) <i>Pre-requisites: ENG 109N or adequate score on the Course Placement Evaluation</i>		
PROGRAM REQUIREMENTS (32 Credits)		
MATH 1170 Applied Trades Math (3.0) <i>Pre-Requisite: None</i>		
PLAP 1117 Plumbing Apprenticeship I (5.0) <i>Pre-requisite: None</i>		
PLAP 1127 Plumbing Apprenticeship II (3.0) <i>Pre-requisite: None</i>		
PLAP 1217 Plumbing Apprenticeship III (5.0) <i>Pre-requisite: None</i>		
PLAP 1227 Plumbing Apprenticeship IV (3.0) <i>Pre-requisite: None</i>		
PLAP 1317 Plumbing Apprenticeship V (2.5) <i>Pre-requisite: None</i>		
PLAP 1327 Plumbing Apprenticeship VI (2.5) <i>Pre-requisite: None</i>		
PLAP 1417 Plumbing Apprenticeship VII (3.0) <i>Pre-requisite: None</i>		
PLAP 1427 Plumbing Apprenticeship VIII (5.0) <i>Pre-requisite: None</i>		

TOTAL CREDITS 35		
ADVISOR APPROVAL	DATE	

Mapping

- Plumbing Apprenticeship I will include concepts in OSHA 1000, Use & Care of Tools, and Soldering and Brazing
- Plumbing Apprenticeship II will include concepts in Rigging and Signaling and associated Science Topics
- Plumbing Apprenticeship III will include concepts in Plan Reading/Drawing, Pipe, Valves, Fitting, and Plastic Piping Installer
- Plumbing Apprenticeship IV will include Plumbing Fixtures and Appliances, and Water Supply
- Plumbing Apprenticeship V will include Drainage and Gas Installations
- Plumbing Apprenticeship VI will include Service Plumbing
- Plumbing Apprenticeship VII will Advanced Gas
- Plumbing Apprenticeship VIII will include Plumbing Code, Mechanical Code and Pneumatic and Electrical Controls

SUGGESTED SEQUENCE OF COURSES

FIRST SEMESTER (5 Credits)

PLAP 1117 Plumbing Apprenticeship I (5.0)

SECOND SEMESTER (5.5 Credits)

PLAP 1127 Plumbing Apprenticeship II (3.0)

MATH 1170 Applied Trades Math (3)

THIRD SEMESTER (8 Credits)

PLAP 1217 Plumbing Apprenticeship III (5.0)

ENG 1110 Composition I (3)

FOURTH SEMESTER (3.5 Credits)

PLAP 1227 Plumbing Apprenticeship IV (3.0)

FIFTH SEMESTER (2.5 Credits)

PLAP 1317 Plumbing Apprenticeship V (2.5)

SIXTH SEMESTER (2.5 Credits)

PLAP 1327 Plumbing Apprenticeship VI (2.5)

SEVENTH SEMESTER (2.5 Credits)

PLAP 1417 Plumbing Apprenticeship VII (3.0)

EIGHTH SEMESTER (5.0Credits)

PLAP 1427 Plumbing Apprenticeship VIII (5.0)