



DEGREE SHEET / 2021-2022 CATALOG

Student name:

Eagle ID:

Eagle Email:

Phone:

Associate of Applied Sciences Technical Trades (Plumbing Apprenticeship)

The Associate of Applied Sciences 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.

GENERAL EDUCATION REQUIREMENTS (16 Credits)	SEMESTER	GRADE
AREA I: COMMUNICATIONS (6 Credits)		
ENG 1110 Composition I (3) <i>Pre-requisites: ENG 109 or adequate score on the Course Placement Evaluation</i>		
COMM 1130 Public Speaking (3) <i>Pre-requisites: ENG 109 or adequate score on the Course Placement Evaluation</i>		
AREA III: LABORATORY SCIENCES (4 Credits) <i>You must select one science course with a lab</i>		
ENGR 1101/L An Introduction to Computational Science & Modeling Lab (4) <i>Pre-Requisite: None</i>		
AREA IV: SOCIAL/BEHAVIORAL SCIENCES (3 Credits) <i>Pre-requisite: ENG 109 or adequate score on the Course Placement Evaluation</i> <i>You must select one Area IV course.</i>		
Area IV Course (3)		
AREA V: HUMANITIES (3 Credits) or AREA VI: FINE ARTS (3 Credits) <i>Pre-requisite: ENG 109 or adequate score on the Course Placement Evaluation</i> <i>You must select one Area V course.</i>		
Area V or Area VI Course (3)		
SUPPORT AREA (15 Credits)		
MATH 1170 Applied Trades Math (3) <i>Pre-Requisite: None</i>		
ENVS 2130 Critical Thinking in Science (3) <i>Pre-Requisite: None</i>		

BCIS 2220 Microsoft Word (3) <i>Pre-Requisite: None</i>		
BCIS 2215 Excel (3) <i>Pre-Requisite: None</i>		
BA 1110 Introduction to Business (3) <i>Pre-Requisite: ENG 109</i>		
PROGRAM REQUIREMENTS (29 Credits)		
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 60		
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 include Advanced Gas
- Plumbing Apprenticeship VIII will include Plumbing Code, Mechanical Code and Pneumatic and Electrical Controls

SUGGESTED SEQUENCE OF COURSES

FIRST SEMESTER (5.0 Credits)

PLAP 1117 Plumbing Apprenticeship I (5.0)

SECOND SEMESTER (6.0 Credits)

PLAP 1127 Plumbing Apprenticeship II (3.0)

MATH 1170 Applied Trades Math (3)

THIRD SEMESTER (6.0 Credits) -SUMMER-

HUM/FA Elective (3)

SBS Elective (3)

FOURTH SEMESTER (5.0 Credits)

PLAP 1217 Plumbing Apprenticeship III (5.0)

FIFTH SEMESTER (6.0 Credits)

PLAP 1227 Plumbing Apprenticeship IV (3.0)

BCIS 2220 Microsoft Word (3)

SIXTH SEMESTER (6.0 Credits) -SUMMER-

ENVS 2130 Critical Thinking in Science (3)

ENGL 1110 Composition I (3)

SEVENTH SEMESTER (5.5 Credits)

PLAP 1317 Plumbing Apprenticeship V (2.5)

COMM 1130 Public Speaking (3)

EIGHTH SEMESTER (6.5 Credits)

PLAP 1327 Plumbing Apprenticeship VI (2.5)

ENGR 1101/L An Introduction to Computational Science & Modeling Lab (4)

NINTH SEMESTER (6.0 Credits) -SUMMER-

BCIS 2215 Excel (3)

BA 1110 Introduction to Business (3)

TENTH SEMESTER (3.0 Credits)

PLAP 1417 Plumbing Apprenticeship VII (3.0)

ELEVENTH SEMESTER (5.0 Credits)

PLAP 1427 Plumbing Apprenticeship VIII (5.0)