



<b>DEGREE SHEET / 2023-2024 CATALOG</b>		
Student name:		
Eagle ID:		
Eagle Email:		
Phone:		
<p><b>Associate of Applied Sciences Technical Trades (Plumbing Concentration)</b></p> <p>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.</p>		
<b>GENERAL EDUCATION REQUIREMENTS (16 Credits)</b>	<b>SEMESTER</b>	<b>GRADE</b>
<b>AREA I: COMMUNICATIONS (6 Credits)</b>		
ENGL 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>		
<b>AREA III: LABORATORY SCIENCES (4 Credits)</b> <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>		
<b>AREA IV: SOCIAL/BEHAVIORAL SCIENCES (3 Credits)</b> <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)		
<b>AREA V: HUMANITIES (3 Credits) or AREA VI: FINE ARTS (3 Credits)</b> <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)		
<b>SUPPORT AREA (15 Credits)</b>		
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>		
<b>PROGRAM REQUIREMENTS (29 Credits)</b>		
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>		
<b>TOTAL CREDITS 60</b>		
<b>ADVISOR APPROVAL</b>	<b>DATE</b>	

## SUGGESTED SEQUENCE OF COURSES

### **FIRST SEMESTER (15 Credits)**

PLBT 1000 OSHA 10 for the Construction Industry (1)  
PLBT 1001 Use and Care of Tools (2)  
PLBT 1002 Soldering and Brazing (2)  
MATH1170 Applied Trades Math (3)  
ENGR 1101/L An Introduction to Computational Science & Modeling Lab (4)  
SBS Elective (3)

### **SECOND SEMESTER (16.5 Credits)**

BCIS 2220 Microsoft Word (3)  
ENVS 2130 Critical Thinking in Science (3)  
ENGL 1110 Composition I (3)  
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)

### **THIRD SEMESTER (14 Credits)**

PLBT 1204 Plumbing Fixtures and Appliances (1.5)  
PLBT 1205 Water Supply (2)  
PLBT 1300 Drainage (1)  
PLBT 1301 Gas Installations (1.5)  
PLBT 2100 Basic Electricity (2.5)  
PLBT 2102 Hydronics (2.5)  
BCIS 2215 Excel (3)

### **FOURTH SEMESTER (14.5 Credits)**

COMM 1130 Public Speaking (3)  
BA 1110 Introduction to Business (3)  
PLBT 2200 Mechanical Code (2.5)  
PLBT 2201 Plumbing Code (2.5)  
PLBT 2300 Pneumatic & Electrical Controls (0.5)  
HUM/FA Elective (3)