



---

## Associate of Applied Science PLUMBING TECHNOLOGY/2014-2016

This program will provide you with opportunities to develop marketable skills in areas of installation, repair, and maintenance of common plumbing systems, through an emphasis on computations, scientific knowledge, interpretations of code, manufacturers' requirements, technological advances, public health, and general public safety concerns. When you have completed the capstone course in this program, you will be prepared to take the New Mexico journeyman's license exam.

### GENERAL EDUCATION (30 CR)

#### Area I. Communications (6 cr)

ENG 111 English Composition I (3)

*Prerequisites: ENG 109N (3) or adequate score on the Course Placement Evaluation*

*Choose one of the following courses:*

ENG 116 Technical Writing (3)

*Prerequisite: ENG 111 (3)*

SPCH 130 Public Speaking (3)

*Prerequisite: ENG 109N (3) or adequate score on the Course Placement Evaluation*

#### Areas II and III. Mathematics/Computers/Laboratory Science (10 cr)

BCIS 102 Computer Literacy (3)

MATH 132 Applied Trades Math II (3 CR)

*Prerequisite: MATH 102N (4) or MATH 103N (4) or MATH 104N (3)  
or adequate score on the Course Placement Evaluation*

DRFT 100 Computer-Aided Drafting I (4)

#### Area IV. Social/Behavioral Sciences (3 cr)

Elective (3) Choose from Anthropology, Economics, Geography, Political Science, Psychology, or Sociology.

*Prerequisite: ENG 109N (3) or adequate score on the Course Placement Evaluation*

#### Area V. Humanities and Fine Arts (3 cr)

HUM 100 FYE: History and Culture of Northern New Mexico (3)

*Prerequisite: ENG 108N (3) or adequate score on the Course Placement Evaluation*

#### Area VI. Library Technology (1 cr)

LT 101 Library Research Skills (1)

HPER (1 cr) Elective (1)

#### Business-related courses (6 cr)

BA 220 Introduction to Business (3)

*Prerequisite: ENG 109N (3) or adequate score on the Course Placement Evaluation*

OA 135 Introduction to Accounting (3)

### PROGRAM REQUIREMENTS (50 CR)

PLBT 101 Plumbing Apprenticeship I (5)

*Prerequisite: MATH 102 (4) or Pipefitter (UA Local 412 member)*

PLBT 102 Plumbing Apprenticeship II (5)

*Prerequisite: PLBT 101 or Department Permission*

PLBT 103 Plumbing Apprenticeship III (5)

*Prerequisite: PLBT 102 or Department Permission*

- PLBT 104 Plumbing Apprenticeship IV (5)  
*Prerequisite: PLBT 103 or Department permission*
- PLBT 106 Plumbing Apprenticeship V (5)  
*Prerequisite: PLBT 104 or Department permission*
- PLBT 206 Plumbing Apprenticeship VI (5)  
*Prerequisite: PLBT 106 or Department Permission*
- PLBT 207 Plumbing Apprenticeship VII (5)  
*Prerequisite: PLBT 206 or Department Permission*
- PLBT 208 Plumbing Apprenticeship VIII (5)  
*Prerequisite: PLBT 207 or Department Permission*
- PLBT 209 Plumbing Apprenticeship IX (5)  
*Prerequisite: PLBT 208 or Department Permission*
- PLBT 242 Plumbing Apprenticeship X (5)  
*Prerequisite: PLBT 209 or Department Permission*

**TOTAL CREDITS: 80**

NMCID 14.6.4.8 NOTE: You may include education/technical training to satisfy the experience requirements. For qualifying party candidates, each year of training may be credited as one-half (1/2) year of experience, but in no case shall credited training exceed one-half (1/2) of the total experience requirement