

# APPLIED INDUSTRIAL TECHNOLOGY (PLUMBING), APPRENTICESHIP PROGRAM

| Code  | Title                               | Credit Hours |
|---|-------------------------------------|--------------|
| ATPL-1000   | Care and Use of Tools               | 2            |
| ATPL-1010   | Soldering and Brazing               | 2            |
| ATPL-xxxx   | Plumbing elective                   | 2            |
| ATPL-1070   | Pipe Fittings, Valves, and Supports | 2            |
| Any Approved Ohio Transfer 36 Mathematics course          |                                     | 3            |
| Select one of the following:                              |                                     | 3            |
| BADM-xxxx   | Business Elective                   |              |
| CNST-xxxx   | CNST Elective                       |              |
| ATPL-xxxx   | Plumbing Elective                   | 2            |
| ATPL-1030   | State of Ohio Plumbing Code I       | 2            |
| Select one of the following:                              |                                     | 2-3          |
| BADM-xxxx   | Business Elective                   |              |
| CNST-1290   | Construction Print Reading          |              |
| Select one of the following:                              |                                     | 3            |
| ENG-1010  | College Composition I               |              |
| ENG-101H  | Honors College Composition I        |              |
| Select one of the following:                              |                                     | 3            |
| IT-1090   | Computer Applications               |              |
| IT-109H   | Honors Computer Applications        |              |
| ATPL-xxxx   | Plumbing Elective                   | 2            |
| ATPL-1220   | Gas Systems                         | 2            |
| ATPL-1230   | Water Supply                        | 2            |
| ENG-2151  | Technical Writing                   | 3            |
| Natural and Physical Sciences Requirement                 |                                     | 3            |
| Select one of the following:                              |                                     | 3            |
| BADM-xxxx   | Business Elective                   |              |
| CNST-xxxx   | CNST Elective                       |              |
| FIN-1061  | Personal Finance                    |              |
| AIT-2990  | Contracting in a Diverse World      | 3            |
| ATPL-2320   | State of Ohio Plumbing Code III     | 2            |
| ATPL-2350   | Electricity for Plumbers            | 2            |
| ATPL-xxxx   | Plumbing Elective                   | 2            |
| Arts & Humanities/Social & Behavioral Science requirement |                                     | 3            |
| Select one of the following:                              |                                     | 3            |
| BADM-xxxx   | Business Elective                   |              |
| CNST-2131   | Construction Methods and Materials  |              |
| ATPL-xxxx   | Plumbing Elective                   | 2            |
| ATPL-2410   | City & State Backflow Cert          | 2            |
| ATPL-xxxx   | Plumbing elective                   | 2            |

## Electives

### Business Electives

Select from the following courses to meet 12 credit elective requirements.

| Code      | Title  | Credit Hours |
|-----------|--|--------------|
| BADM-1020 | Introduction to Business                             | 3            |
| BADM-1122 | Principles of Management and Organizational Behavior | 3            |
| BADM-1301 | Small Business Management                            | 3            |
| BADM-2450 | New Business Development                             | 5            |
| BADM-2151 | Business Law   | 3            |

### Construction Management Electives

| Code      | Title                                | Credit Hours |
|-----------|--------------------------------------|--------------|
| CNST-1281 | Construction Engineering Orientation | 3            |
| CNST-1290 | Construction Print Reading           | 2            |
| CNST-1510 | Green Building & Sustainability I    | 3            |
| CNST-2131 | Construction Methods and Materials   | 3            |

MATH-1140, MATH-1141, MATH-1200, MATH-1270, and MATH-1280 can no longer count towards fulfilling the college-level mathematics requirement. These courses were re-classified as developmental mathematics by the state of Ohio in 2016. Tri-C established a 5-year transitioning window for students who had completed these courses prior to 2016 to apply them towards meeting graduation requirements, which expired in Summer 2021. It is highly recommended to see a counselor to determine the appropriate math required for your current major.

## Related Degrees and Certificates

- Plumbing, Certificate of Proficiency
- Applied Industrial Technology (Plumbing), Associate of Applied Science

<sup>1</sup> MATH-1100 Mathematical Explorations or MATH-1240 Contemporary Mathematics taken prior to Fall 2024 will be accepted to meet Mathematics requirement.