

Plumbing Technology Certificate

The Plumbing Technology certificate program will provide students with an opportunity to develop marketable skills in the plumbing career field that is very rewarding. The plumbing certificate is a program designed to offer students an opportunity to acquire the fundamental skills and knowledge used in the plumbing trade.

The plumbing technology certificate prepares graduates to enter the plumbing industry. The core principles and concepts of the plumbing systems are cornerstones of each course. Classroom instruction and learning theories lead to individual and team building projects. The Occupational Outlook Handbook reports that "job opportunities are expected to be excellent, as demand for skilled pipe layers, pipe fitters, and steamfitters is expected to outpace the supply of worker trained in this craft." Completion of the plumbing certificate program provides students with the educational background and the experiences needed to enter the plumbing career field.

Plumbing Technology Program web page (<https://www.jccc.edu/academics/credit/plumbing/>)

(Major Code 3200; State CIP Code 46.0503)

First Semester

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|-------------|----------------------------------|----|
| PLUM 110 | Introduction to Plumbing Systems | 3 |
| PLUM 125 | Residential Plumbing | 3 |
| PLUM 130 | Print Reading and Estimating | 3 |
| PLUM 140 | Backflow Preventers | 2 |
| INDT 125 | Industrial Safety/OSHA 30 | 3 |
| COMS 155 | Workplace Skills | 1 |
| Total Hours | | 15 |

Second Semester

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|-------------|---------------------------------------|----|
| PLUM 210 | DWV and Water Distribution* | 3 |
| PLUM 240 | Installation, Maintenance and Repair* | 3 |
| PLUM 250 | Commercial Plumbing* | 3 |
| PLUM 275 | Plumbing Code Review* | 3 |
| PLUM 280 | Plumbing Internship* | 3 |
| Total Hours | | 15 |

Total Program Hours: 30