



Location: Signal Peak Campus

Certificate: Pipefitting/Pipe Welding

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Program Description: The Pipefitting/Pipe Welding Certificate prepares students for employment as an entry level pipe welder/fitter with an array of career opportunities within the industry. Topics include pipefitting techniques and tools as well as welding processes for shielded metal arc welding, gas metal arc welding, gas tungsten arc welding, pipe fabrication, and trade math.

Use this Program MAP as a guide to choose courses with your advisor and track progress towards milestones and completion of program. Work with an advisor to customize your plan to align with your specific career and/or transfer goals.

Note: Prior experience in Welding or knowledge of welding from high school Agriculture program is helpful.

Pre-requisite: Students must first complete Fundamentals of Pipe Welding Certificate.

SEMESTER BY SEMESTER PROGRAM PLAN FOR FULL-TIME STUDENTS

Plans can be modified to fit the needs of part-time students by adding more semesters

Table with 4 columns: Semester—SPRING ONLY, Credit Hours, (empty), and Credit Hours. Rows include course titles like WLD143 Pipefitting I, WLD243 Pipefitting II, PEH101 Personal Health, and WLD128 Introduction to Structural Drawings and CAD, with a total of 17 semester credits.

Total Program Hours: 17

Total program cost, including tuition, books, and fees is approximately \$2,618, Financial aid may be available.

CAREER INFORMATION

A typical graduate seeks employment in power generation, cross-country pipeline, pressure vessel fabrication, process piping, and related maintenance and construction industries.

If you are interested in pursuing a Pipefitting/Pipe Welding AAS, review that degree map and talk to an advisor.

As part of Central Arizona College’s TRUE learning community, our Career & Transfer Center supports students in achieving their goals through career development and/or transfer to a four-year institution. For more information, visit CAC Career & Transfer Center at centralaz.edu/transfer.