

Technical Studies (Associate of Applied Science), Pipefitting *Concentration*

This program is designed to prepare students to work as a Pipefitter. There are some who may consider pipefitting synonymous with plumbing, but these are really two very distinct trades. Plumbers install and repair the water, waste disposal, drainage and gas systems in homes and commercial and industrial buildings. Pipefitters, on the other hand, install and repair both high- and low-pressure pipe systems used in manufacturing, in the generation of electricity, and in the heating and cooling of buildings. This program covers four levels of training based on curriculum developed by the National Center for Construction Education and Research (NCCER). NCCER offers a four-level Pipefitting curriculum that covers topics such as Threaded Pipe Fabrication, Excavations, and Steam Traps. Students who successfully complete the program will be nationally certified by NCCER.

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Source: <https://www.nccer.org/workforce-development-programs/disciplines/craft-details/pipefitting>

To receive any of the credentials outlined below (Certificate of Technical Studies, Technical Diploma, or Associate of Applied Science), the student must:

- Complete the program of study outlined below.
- Earn a “C” or better in all courses required for the completion of the program.

Program of Study

First Semester		Credit Hours
CORE 1003	Introduction to Craft Skills	3
PIPE 1116	Pipefitting Level 1	6
ENGL 1013	English Composition I	3
Gen Ed Math	Any department-approved General Education course in Mathematics	3
Total Credit Hours for Semester		15
Second Semester		Credit Hours
PIPE 1216	Pipefitting Level 2 Part 1	6
PIPE 1226	Pipefitting Level 2 Part 2	6
Gen Ed Humanities	Any department-approved, SACSCOC-accepted General Education course in Humanities	3
Total Credit Hours for Semester		15
Third Semester		Credit Hours
PIPE 2316	Pipefitting Level 3 Part 1	6
PIPE 2326	Pipefitting Level 3 Part 2	6
Gen Ed Soc Sci	Any department-approved General Education course in the Social Sciences	3
Total Credit Hours for Semester		15
Fourth Semester		Credit Hours
PIPE 2416	Pipefitting Level 4 Part 1	6
PIPE 2426	Pipefitting Level 4 Part 2	6

Gen Ed Phys Sci	Any department-approved General Education course in the Physical Sciences	3
Total Credit Hours for Semester		15
Total Program Credit Hours, Technical Studies AAS; Pipefitting Concentration		60

Pipefitting Credentials Available

NCCER Pipefitting Level 1 courses (9 credit hours):		Credit Hours
CORE 1003	Introduction to Craft Skills	3
PIPE 1116	Pipefitting Level 1	6
NCCER Pipefitting Level 1		9
NCCER Pipefitting Level 2 courses (12 credit hours):		Credit Hours
PIPE 1216	Pipefitting Level 2 Part 1	6
PIPE 1226	Pipefitting Level 2 Part 2	6
CTS, NCCER Pipefitting Level 2 (Level 1 and Level 2 courses)		21
NCCER Pipefitting Level 3 courses (12 credit hours):		Credit Hours
PIPE 2316	Pipefitting Level 3 Part 1	6
PIPE 2326	Pipefitting Level 3 Part 2	6
NCCER Pipefitting Level 3 (Level 1, Level 2, and Level 3 courses)		33
NCCER Pipefitting Level 4 courses (12 credit hours):		Credit Hours
PIPE 2416	Pipefitting Level 4 Part 1	6
PIPE 2426	Pipefitting Level 4 Part 2	6
TD, NCCER Pipefitting Level 4 (Level 1, Level 2, Level 3, and Level 4 courses)		45

For more information, contact the Division of Technical Education at 225-216-8367.