

COMBINATION WELDER, BASIC CERTIFICATE



College(s): KK

Program Code: 0758

The Basic Certificate program in Combination Welder is designed to provide students with training in basic welding skills in a shop setting. In addition to learning welding mathematics, blueprint reading, and layout and fabrication, students are also introduced to the basic fundamentals of job safety and ethics. Graduates of this program are qualified for entry level employment as an ARC, MIG, or TIG welder.

Program Requirements

Code	Title	Hours
Required Program Core		
332TECH 409	Construction Safety	1
332TECH 448	Vocational Physical Training I	1
332TECH 462	Vocational Physical Training II	1
332TECH 463	Vocational Physical Training III	1
332TECH 509	Intro to Basic Arc Welding	3
332TECH 510	Blueprint, Layout, & Fabrication	2
332TECH 518	Manufacturing Materials & Processes	1
332TECH 520	Arc Welding	4
332TECH 526	Welding Mathematics I	1
332TECH 530	Advanced Welding	4
330BSCM 532	Basic Computer Technology	1
Total Hours		20

Pathway

This is an **example course sequence** for students interested in pursuing welding. This does not represent a contract, nor does it guarantee course availability. If this pathway is followed as outlined, you will earn a Basic Certificate (BC) in Welder (Combination).

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Semester-by-Semester Program Plan for Full-Time Students

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

Course	Title	Hours
Semester 1		
PHASE 1		
332TECH 509	Intro to Basic Arc Welding	3
332TECH 409	Construction Safety	1
332TECH 448	Vocational Physical Training I	1
332TECH 518	Manufacturing Materials & Processes	1
PHASE 2		
332TECH 510	Blueprint, Layout, & Fabrication	2
332TECH 462	Vocational Physical Training II	1
332TECH 520	Arc Welding	4
PHASE 3		
332TECH 463	Vocational Physical Training III	1
330BSCM 532	Basic Computer Technology	1
332TECH 526	Welding Mathematics I	1
332TECH 530	Advanced Welding	4
Hours		20
Total Hours		20

Choose your courses with your College Advisor.