

# BASIC WELDING (CERTIFICATE)

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*Manufacturing and Construction*

Program website (<https://www.harpercollege.edu/academics/manufacturing/welding/basic-welding-certificate.php>)

## Program Overview

This 17 credit-hour certificate program is designed to give students entry-level skills in welding. The program of study will emphasize welding safety, extensive practice in the major arc welding process, and out-of-position and multi-pass arc welding including GMAW, SMAW, and GTAW. Students will work with mild steel, stainless steel and aluminum. Students will work on the welding skills necessary to pass welder qualification tests. Students will meet the AWS (American Welding Society) SENSE (Schools Excelling through National Skill Standards Education) training standards for certification in AWS Level 1 - Entry Welder.

All WLD courses are offered in an 8-week scheduling format.

## Program Requirements

Code	Title	Hours
<b>Required</b>		
MFT 134	Print Reading for Industry	3
WLD 110	Welding I	3
WLD 210	Welding II	3
WLD 211	Welding III	4
WLD 212	Welding IV	4
<b>Total Hours</b>		<b>17</b>

## Gainful Employment

Harper College provides Gainful Employment information to comply with the U.S. Department of Education.