Welding Technology Program

An understanding of the basic principles and operation procedures to cut, weld, and braze all types of metals using proper techniques and the knowledge and skill of hand tools, blueprints, and measurements are covered in the program.

Employment Opportunities

Certified Welders are among the highest paid of all the skill trades. Most welders work in manufacturing industries. Others are employed by construction firms and repair services. A skilled welder may qualify as a technician, supervisor, inspector, or owner of a welding business.

What Do We Teach?

Shielded Metal Arc Welding (Stick)
Gas Metal Arc Welding (MIG)
Gas Tungsten Arc Welding (TIG)
Cutting Processes
Blueprint Reading for Welding

Certificates:

AWS National Skills Standards Level 1

WLD 110 Cutting Processes	2
WLD 111 Cutting Processes Lab	3
WLD 120 Shielded Metal Arc Welding	2
WLD 121 Shielded Metal Arc Lab	3
WLD 123 Shielded Metal Arc Backing Lab	3
WLD 130 Gas Tungsten Arc Welding	2
WLD 131 Gas Tungsten Arc Lab	3
WLD 133 Gas Tungsten Arc Groove Lab	3
WLD 140 Gas Metal Arc Welding	2
WLD 141 Gas Metal Arc Lab	3
WLD 143 Gas Metal Arc Groove Lab	3
WLD 170 Blueprint Reading for Welding	2
WLD 171 Blueprint Reading for Welding Lab	3
	33-34

Production Line Welder

WLD 130 Gas Tungsten Arc Welding	2
WLD 131 Gas Tungsten Arc Lab	3
WLD 140 Gas Metal Arc Welding	2
WLD 141 Gas Metal Arc Lab	3
WLD 110 Cutting Processes	2
WLD 111 Cutting Processes Lab	3
WLD 120 Shielded Metal Arc Welding	2
WLD 121 Shielded Metal Arc Lab	3
	2
	0

Shielded Metal Arc Welding

WLD 120 Shielded Metal Arc Welding	2
WLD 121 Shielded Metal Arc Lab	3
WLD 123 Shielded Metal Arc Backing Lab	3
WLD 170 Blueprint Reading for Welding	2
WLD 171 Blueprint Reading for Welding Lab	3
WLD 110 Cutting Processes	2
WLD 111 Cutting Processes Lab	3
	18

Arc Welder

WLD 110 Cutting Processes	2
WLD 111 Cutting Processes Lab	3
WLD 120 Shielded Metal Arc Welding	2
WLD 121 Shielded Metal Arc Lab	3
WLD 130 Gas Tungsten Arc Welding	2
WLD 131 Gas Tungsten Arc Lab	3
WLD 140 Gas Metal Arc Welding	2
WLD 141 Gas Metal Arc Lab	3
WLD 170 Blueprint Reading for Welding	2
WLD 171 Blueprint Reading for Welding Lab	3
	25

Gas Metal Arc Welding

WLD 140 Gas Metal Arc Welding	2
WLD 141 Gas Metal Arc Lab	3
WLD 143 Gas Metal Arc Groove Lab	3
WLD 170 Blueprint Reading for Welding	2
WLD 171 Blueprint Reading for Welding Lab	3
WLD 110 Cutting Processes	2
WLD 111 Cutting Processes Lab	3
	18

Gas Tungsten Arc Welding

WLD 130 Gas Tungsten Arc Welding	2
WLD 131 Gas Tungsten Arc Lab	3
WLD 133 Gas Tungsten Arc Groove Lab	3
WLD 170 Blueprint Reading for Welding	2
WLD 171 Blueprint Reading for Welding Lab	3
WLD 110 Cutting Processes	2
WLD 111 Cutting Processes Lab	3
	18

Tack Welder

WLD 170 Blueprint Reading for Welding	2
WLD 171 Blueprint Reading for Welding Lab	3
WLD 120 Shielded Metal Arc Welding	2
WLD 121 Shielded Metal Arc Lab	3
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For More Information Contact:

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Industrial Maintenance Technology

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KCTCS is an equal opportunity employer and education institution.

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henderson.kctcs.edu

ABOUT HCC

In the fall of 1960, the Northwest Extension of the University of Kentucky opened its doors for the first time to 256 Henderson, Union, and Webster county residents. In 1964, the Northwest Extension became Henderson Community College (HCC), a charter Member of the University of Kentucky Community College System. Henderson Community College became a member of the Kentucky Community and Technical College System (KCTCS) in 1998.

Henderson Community College is accredited by the Commission on Colleges of the Southern Association of College and schools, 1866 Southern Lane, Decatur, Georgia 30003, or call (404) 679-4501, for questions about the accreditation of Henderson Community College.

Subject to change. 5/2013

Henderson
Community College
HIGHER EDUCATION BEGINS HERE

Welding Technology

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Kentucky Community & Technical College System