



Wayne
County
Community
College
District

Welding Technology: Artistic

PAY

The median annual wage for welders was \$42,490 in May 2019.

JOB OUTLOOK

Employment of welders is projected to grow 3 percent from 2018 to 2028, slower than average for all occupations. Skilled welders with up-to-date training should have good job opportunities.

Bureau of Labor Statistics, U.S. Department of Labor, Occupational Outlook Handbook, April 2020, Welders, Cutters, Solderers, and Brazers, on the Internet at <http://www.bls.gov/ooh/production/welders-cutters-solderers-and-brazers.htm>

ABOUT THE PROGRAM

The Artistic Welding College Certificate program is designed to train individuals to use welding to create works of art. The individuals will learn design, theory and use of welding equipment, safe welding practices, and how to incorporate art into this traditionally industrial field. As we watch the economic conditions and employment settings change, we see that more and more employers continue to ask for individuals with diverse skills. Additionally, increased numbers of persons are choosing to be entrepreneurial



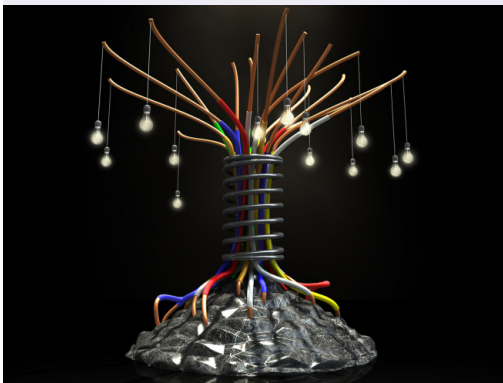
and need to have a diverse skill set to sustain their economic needs. The welding and artistic welding courses that we offer allow individuals to become entrepreneurial while adding diversity to their experience base. This program is great in that it offers so many opportunities for persons to make a sustainable living wage doing something that they enjoy.

WHAT DO WELDERS DO?

Welding is the most common way of permanently joining metal parts. In this process, heat is applied to metal pieces, melting and fusing them to form a permanent bond. Because of its strength, welding is used in shipbuilding, automobile manufacturing and repair, aerospace applications, and thousands of other manufacturing activities. Welding also is used to join beams in the construction of buildings, bridges, and other structures and to join pipes in pipelines, power plants, and refineries.

WHERE DO THEY WORK?

Welders work in a wide variety of industries and settings, from car racing to manufacturing. The work that welders do and the equipment they use vary, depending on the industry.



Recommended Sequence of Courses

Artistic Welding: College Certificate

CR. No.	COURSE TITLE	CREDITS
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SEMESTER 1

ART 101	Drawing I	.3
WLT 101	Arc/Oxygen – Acetylene Welding	.5
WLT 103	Gas Tungsten Arc Welding (GTAW)	.5
SEMESTER TOTAL		.13

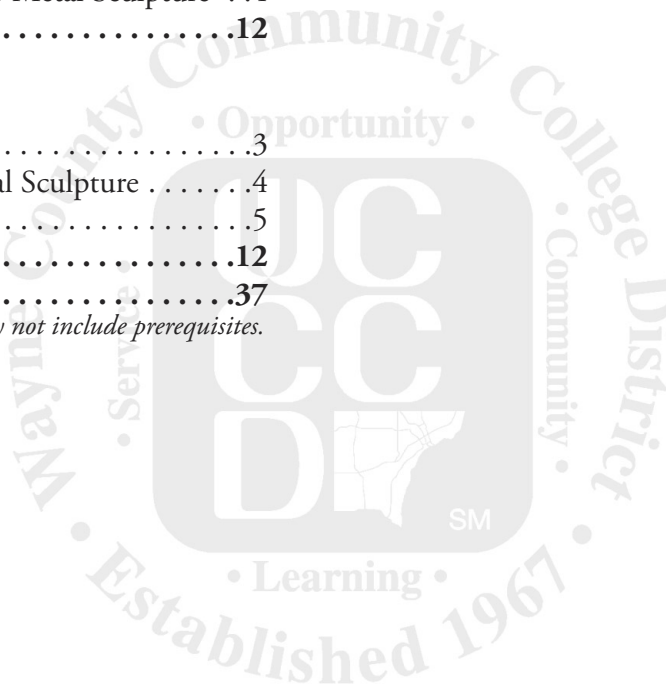
SEMESTER 2

ART 111	Design I	.3
WLT 105	MIG/Flux-Core/Plasma Welding	.5
WLT 110	Introduction to Metal Sculpture	.4
SEMESTER TOTAL		.12

SEMESTER 3

ART 112	Design II	.3
WLT 111	Advanced Metal Sculpture	.4
WLT 102	Arc Welding	.5
SEMESTER TOTAL		.12
CERTIFICATE TOTAL		.37

Note: Certificate total hours may not include prerequisites.



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