

Program Curriculum

<i>First Semester</i>	<i>Semester Hours</i>
WLT 1115 Shield Metal Arc Welding I	5
WLT 1173 Introduction to Welding & Safety	3
WLT 1313 Cutting Processes	3
ENG 1113 English Composition I	3
Humanities/Fine Arts Elective	3
LLS 1311 Orientation	<u>1</u>
Total Hours	18

<i>Second Semester</i>	<i>Semester Hours</i>
WLT 1124 Gas Metal Arc Welding	4
WLT 1143 Flux Cored Arc Welding	3
WLT 1225 Shield Metal Arc Welding II	5
Social/Behavioral Science Elective	3
Mathematics/Science Elective	3
Total Hours	18

<i>Third Semester</i>	<i>Semester Hours</i>
WLT 1155 Pipe Welding	5
WLT 1162 Gas Metal Arc Aluminum Welding	2
WLT 1232 Blue Print Reading, Welding & Metallurgy	2
SPT 1113 Oral Communications	3
Total Hours	12

<i>Second Semester</i>	<i>Semester Hours</i>
WLT 1135 Gas Tungsten Arc Welding	5
WLT 1253 Advanced Pipe Welding	3
WLT 1915 Special Problem in Welding & Cutting Technology	5
Total Hours	13

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Career Technical Education Welding & Cutting

Program Description

The Welding and Cutting curriculum is designed to prepare the student for entry level employment in the field of welding. The curriculum includes Shielded Metal Arc Welding (SMAW), Gas Metal Arc Welding (GMAW), Flux Cored Arc Welding (FCAW), Pipe Welding, Plasma Arc Cutting (PAC), Air Carbon Arc Cutting (AAC), Gas Metal Arc Aluminum Welding (GMAAW), and Gas Tungsten Arc Welding (GTAW).

While enrolled students will have the opportunity to earn state and national certifications. An Associate of Applied Science degree can be obtained after successful completion of two years.

Admission Requirements

In addition to the general admission requirements. Priority admission is granted to those applicants whose ACT scores show a composite score of 16 or equivalent placement test score.

Job Opportunities

Welding inspector, welding sales representative, welding technician, structural metal worker, welder, cutter, sheet-metal worker, structural metal fabricator/fitter, materials engineer.

Contact Information

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