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## Program Curriculum

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<i>First Semester</i>	<i>Semester Hours</i>
WLT 1115 Shielded Metal Arc Welding I	5
WLT 1173 Introduction to Welding & Safety	2
WLT 1225 Shielded Metal Arc Welding II	5
WLT 1314 Cutting Processes	4
LLS 1311 Orientation	<u>1</u>
<b>Total Hours</b>	<b>17</b>

<i>Second Semester</i>	<i>Semester Hours</i>
WLT 1124 Gas Metal Arc Welding	4
WLT 1135 Gas Tungsten Arc Welding	5
WLT 1143 Flux Cored Arc Welding	3
WLT 1232 Drawing & Welding Symbols	2
<b>Total Hours</b>	<b>14</b>

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## Certificate Information

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Upon successful completion of the above course requirements, students will receive a Certificate in Welding and Cutting.

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## Job Opportunities

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

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## SMCC Career Technical Education

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Southwest Mississippi Community College does not discriminate on the basis of race, color, national origin, age, sex, religion, or disability in its programs, activities or employment practices. The following persons have been designated to handle inquiries and grievances regarding the non-discrimination policies: Mrs. Rhonda Gibson, Director of Disability Support Services, 601-276-3885; Mr. Blake Brewer, Vice President for Student Affairs and Title IX Coordinator, 601-276-3732; SMCC, 1156 College Drive, Summit, MS 39666.



## Career Technical Education Welding and Cutting Certificate

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### Program Description

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The Welding and Cutting curriculum is designed to prepare the student for entry level employment in the field of welding and cutting.

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), Oxyacetylene Welding (OAW) and Brazing, 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.

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### Admission Requirements

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In addition to the general requirements, priority admission is granted to those applicants whose ACT scores show a composite score of 14 or equivalent placement test score.

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### Contact Information

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Career Technical Counselor  
601-276-3722

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