



Dual Enrollment
Welding Certificates
 Gas Metal Arc and/or TIG Welding

Cluster Area: Manufacturing

Pathway: Production

The Gas Metal Arc Welding and TIG Welding certificate programs provide current curriculum and instructional materials which teach knowledge, skills and attitudes appropriate to the welding industry needs and will prepare students for positions in the welding industry.

Lanier Tech

High School Alignment

Gas Metal Arc Welding Certificate

WLD 100	Introduction to Welding Tech	6 hrs.	5430	Advanced Arc Welding Processes I	.8
WLD 101	Oxyfuel Cutting	4 hrs.	5425	Arc Welding Processes I	.53
WLD 109	Gas Metal Arc Welding	6 hrs.	5433	Advanced Arc Welding Processes I	.8

TIG Welding Certificate

MAT 100	Basic Mathematics	3 hrs.	* Credit must be articulated with Pre-Algebra or higher.		
WLD 103	Blueprint Reading I	3 hrs.	5427	Arc Welding Processes II	.4
WLD 110	Gas Tungsten Arc Welding	4 hrs.	5434	Advanced Arc Welding Processes I	.53
WLD 150	Advanced Gas Tungsten Arc	5 hrs.	5438	Intermediate Arc Welding Processes I	.66
			4151	Apprenticeship	1.0
					4.72

- Upon completion of coursework, students meet Career & Technology requirements for a Technical or Dual Diploma in a career pathway (3+1) if both certificates are completed.

Additional Post Secondary Options:

Students may transfer some course credits toward the following diploma/degree programs:

Welding and Joining Technology Diploma



**Certificate program
 offered on site at Lanier
 Technical College.**