Welding and Joining Technology
Diploma Program
WAJ2

Curriculum

Basic Skills – Total of 8 Hours
- ENGL 1010 Fundamentals of English I (3)
- MATH 1012 Foundations of Mathematics (3)
- EMPL 1000 Interpersonal Relations (2)

Program-Specific Core – Total of 40 Hours
- WELD 1000 Intro to Welding Technology (4)
- WELD 1010 Oxyfuel Cutting (4)
- WELD 1030 Blueprint Reading for WELD (4)
- WELD 1040 Flat Shielded Metal Arc Weld (4)
- WELD 1050 Horizontal Shielded Metal Arc Weld (4)
- WELD 1060 Vertical Shielded Metal Arc Weld (4)
- WELD 1070 Overhead Shielded Metal Arc Weld (4)
- WELD 1090 Gas Metal Arc Welding (4)
- WELD 1095 Adv Gas Metal Arc Welding (3)
- WELD 1110 Gas Tungsten Arc Welding (4)
- WELD 1120 Preparation/Ind Qualification (4)

Occupational-Related Electives

- COMP 1000 Introduction to Computers (3)
- WELD 1095 Adv Gas Metal Arc Welding (3)
- WELD 1150 Adv Gas Tungsten Arc Welding (3)
- WELD 1151 Fabrication Process (3)
- WELD 1152 Pipe Welding (4)
- WELD 1153 Flux Cored Arc Welding (4)
- WELD 1156 Ornamental Iron Works (4)
- WELD 1330 Metal Welding/Cutting Tech (2)
- WELD 1500 Welding & Joining Internship (3)

Occupational-Related Elective – Choose 6 Hours
- WELD 1095 Adv Gas Metal Arc Welding (3)
- WELD 1150 Adv Gas Tungsten Arc Welding (3)
- WELD 1151 Fabrication Process (3)
- WELD 1152 Pipe Welding (4)
- WELD 1153 Flux Cored Arc Welding (4)
- WELD 1156 Ornamental Iron Works (4)
- WELD 1330 Metal Welding/Cutting Tech (2)
- WELD 1500 Welding & Joining Internship (3)

Total: 54 Hours

For more information about our graduation rates, the median debt of students who complete programs, and other important information please visit our website: [http://www.laniertech.edu/GE.aspx](http://www.laniertech.edu/GE.aspx)
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Program Description
The Welding and Joining Technology diploma is designed to prepare students for careers in the welding industry. Program learning opportunities develop academic, technical, professional knowledge and skills required for job acquisition, retention, and advancement. The program emphasizes welding theory and practical application necessary for successful employment. Program graduates receive a Welding and Joining Technology diploma. Graduates have the qualifications of a welding and joining technician and are prepared to take qualification tests.

Program Specific Information
Students are accepted each semester based on space and course availability.

Program Length & Availability
4 Semesters
Campus Availability: Oakwood, Barrow, Dawson

Admissions Requirements
• Must be 16 years of age.
• High school diploma or GED is required prior to admission.
  (Official transcripts or GED scores must be submitted from all colleges and/or high schools attended for credit.)
• ACCUPLACER Testing, or submit SAT, ACT, CPE, COMPASS, or ASSET test scores.

Financial Aid
This program is eligible for the Pell Grant and may be eligible for Institutional and State Financial Aid. Contact a Financial Aid Counselor for eligibility requirements and application materials.

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