



# TEXARKANA COLLEGE

## Welding | Associate of Applied Science

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### LIST OF COURSES

WLDG 1337-Introduction to Welding Metallurgy  
 WLDG 1391-Topics in Welder / Welding Technologist  
 WLDG 1413-Intro. to Blueprint Reading for Welders  
 WLDG 1421-Welding Fundamentals  
 WLDG 1428-Intro. to Shielded Metal Arc Welding  
 WLDG 1430-Introduction to Gas Metal Arc Welding  
 WLDG 1434-Intro. to Gas Tungsten Arc Welding  
 WLDG 1435-Introduction to Pipe Welding  
 WLDG 2288-Welding Technology / Welder Internship  
 WLDG 2443-Advanced Shielded Metal Arc Welding  
 WLDG 2547-Advanced Gas Metal Arc Welding  
 LEAD 1100-Development with Critical Thinking  
 SPCH 1315-Public speaking  
 ENGL 1301-Composition 1  
 BCIS 1305 OR EDUC 1300-Business/Learning Frame.  
 College Level Math or Natural Science  
 Social Science Elective  
 Art/Drama/Music Elective

SEMESTER 1	SEMESTER 3
WLDG 1337	WLDG 1391
WLDG 1421	WLDG 1434
WLDG 1428	WLDG 1435
WLDG 2443	WLDG 2288
SEMESTER 2	SEMESTER 4
LEAD 1100	SPCH 1315 (core)
WLDG 1413	ENGL 1301 (core)
WLDG 1430	BCIS 1305 or EDUC 1300 (core)
WLDG 2547	College Level Math (core) or Natural Science
	Social Science Elective (core)
	Arts/Drama/Music Elective (core)

### LEARNING OUTCOMES/MARKETABLE SKILLS

Critical Thinking | Teamwork | Communication | Professionalism | Leadership | Reading/Drafting Blueprints | Time Management | Problem Solving | Organization | Detail Oriented

### EDUCATIONAL OPPORTUNITIES

B.A.A.S. Texas A&M - Texarkana

### CAREER OPPORTUNITIES

Pipe Line Welder | Construction Worker/Iron Worker | Fabrication and Production | Job Site Foreman | Maintenance and Repair | Self Employment

### HIGH SCHOOL ENDORSEMENTS

Business and Industry | Multi-Disciplinary

### LINKS TO COLLEGES & PROFESSIONAL ORGANIZATIONS:

<http://tamut.edu/Academics/Colleges-and-Departments/CASE/Undergraduate-Programs/BAAS/BAAS%20Program.html>  
 American Welding Society: [awsnow.org](http://awsnow.org)

*Start Smart. Finish Strong.*

# Welding

You've always felt a spark to push boundaries, to do something different, and you like working with your hands. Ready to start fusing your talents with the type of job you want?

## PROGRAMS AVAILABLE

Associate of Applied Science  
1-Year Certificate  
1-Semester Certificate

## WHAT YOU'LL LEARN

Welding fundamentals | Welding metallurgy | Workforce development & critical thinking | Blueprinting reading | Shielded metal arc welding | Gas metal arc welding | Gas tungsten arc welding (GTAW) | Pipe welding

## TYPICAL JOBS AFTER COMPLETION (*Varies based on degree/certificate chosen*)

Welder, Cutter & Welder Fitter  
Solderer & Brazer  
Pipe Fitter & Steamfitter  
Structural Iron & Steel Worker  
Structural Metal Fabricator & Fitter

## MEDIAN PAY

\$31,840 per year for welders in the Texarkana area.

## JOB OUTLOOK

Welding job opportunities are expected to grow by 4% over the next 10 years. Some data sources even project that welding jobs could grow 15% by 2020.

## OTHER INTERESTS

If you're interested in Welding, you may be interested in these other programs in Manufacturing & Technology as well:  
HVAC | Construction Technology | Electrical Technology | Electronics Technology/Instrumentation | Industrial Maintenance/Multi-Craft

In our Career Spotlight Magazine that you can get on campus or online at [texarkanacollege.edu/careerspotlight](http://texarkanacollege.edu/careerspotlight), you'll find an overview of Texarkana College's career and technical programs. Explore our programs and think hard about what to do for the rest of your life. We can help you get there by starting smart and finishing strong! When you're ready, give our Enrollment Services staff a call at (903) 823.3012 or visit [texarkanacollege.edu/tour](http://texarkanacollege.edu/tour) to schedule your campus visit.



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2500 N. Robison Rd. | Texarkana, TX 75599  
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