**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 Framework
- College Level Math or Natural Science
- Social Science Elective
- Art/Drama/Music Elective

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

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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, 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 to schedule your campus visit.