

# Welding Technology



**TENNESSEE COLLEGE  
OF APPLIED TECHNOLOGY**  
NEWBERN

Tel: 731-885-7798  
204 South 2nd St.  
Union City, TN 38261  
www.tcatnewbern.edu

## Welding Technology Course Outline (12 months)

Award Titles	Hours	Award
Shielded Metal Arc Welder	432	CERTIFICATE
Gas Metal Arc Welder	864	CERTIFICATE
Gas Tungsten Arc Welder	1296	CERTIFICATE
Combination Welder	1296	DIPLOMA

### Curriculum

- Introduction, Shop Orientation, & Safety
- Cutting Processes
- Basic Shielded Metal Arc Welding
- Basic Gas Metal Arc Welding
- Blue Print Theory
- Basic Gas Tungsten Arc Welding
- Advanced Shielded Metal Arc Welding
- Advanced Gas Metal Arc Welding
- Blue Print Reading
- Advanced Gas Tungsten Arc Pipe Welding
- Worker Characteristics
- Technology Foundations

Class Schedule for Welding: Monday—Friday, 8:00 a.m. to 2:30 p.m. or part-time.

Night Class Schedule for Welding : Monday—Thursday 4:00pm-9:00pm  
Located at Dyersburg High School

### Admission Procedures

- Apply at <https://tcatnewbern.edu/future-students/admissions>
- FINANCIAL AID IS AVAILABLE TO THOSE WHO QUALIFY. Complete the FAFSA online (www.fafsa.gov) - school code: 005283. Allow one week for processing and then contact the Financial Aid Office.
- For more information on graduation & placement rates & other consumer information, please visit <http://www.tcatnewbern.edu/fulltime-day-programs/welding>.

### Program Cost

<b>Tuition</b>	
Per TERM	\$1,281
Per YEAR	\$3,843
Academic Fee	\$ 300
<b>Total Program</b>	<b>\$4,143</b>

<b>Books</b>	\$ 580
<b>Equipment</b>	\$ 575

**Total Cost** **\$5,298**  
\*All prices subject to change

### MISSION STATEMENT

The Tennessee Colleges of Applied Technology serve as the premier suppliers of workforce development throughout the State of Tennessee. The Colleges fulfill their mission by:

- Providing competency-based training through superior quality, traditional and distance learning instruction methods that qualify completers for employment and job advancement;
- Contributing to the economic and community development of the communities served by training and retraining employed workers;
- Ensuring that programs and services are economical and accessible to all residents of Tennessee; and
- Building relationships of trust with community, business, and industry leaders to supply highly skilled workers in areas of need.

Revised: August 21, 2013 Directors' Meeting; September 20, 2013 TBR Quarterly Meeting

A Tennessee Board of Regents Institution  
AA/ADA/EEO Training Institution  
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Publication Number: TTCC-WT-01-1114