

Did you know?

CAFETERIA

Randolph County Development Center
Breakfast and Lunch served.
(See bulletin boards or the website for menus
and prices.)

GYM & WEIGHT ROOM

Law Enforcement Training Academy.
The gym and weight room are available to
BRTC students and staff, M-F, at various times.
Schedules will be posted outside of the gym.
For more information, phone 870-248-4190.

AUTO REPAIR

Mechanical service and body work, including
paint jobs, are available on 1994 models and
up. See instructors for details on this "cost-
recovery" service.

CHILD CARE

Free child care for qualifying BRTC students.
Call 870-892-7755 for more information.

TUTORING

Math and English tutors are available for all
BRTC students on the Pocahontas campus.
Tutoring hours are posted outside of tutoring
room (AD132).



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Black River Technical College seeks to be in compliance with both the spirit and the letter of the law as stated in Section 504 of the Rehabilitation ACT, as amended, and the Americans with Disabilities Act. Students seeking ADA accommodations must contact Rachel Koons, P.O. Box 468, Pocahontas, AR 72455. Phone 870-248-4000, ext 4014, or fax 870-248-4100, or e-mail rachel.koons@blackrivertech.org.

Contact must be made two weeks prior to the beginning of each enrollment period.

BRTC Recruitment Office
P.O. Box 468 - 1410 Highway 304 East
Pocahontas, AR 72455
870-248-4000, ext. 4157

www.blackrivertech.edu

P.O. Box 1565 - 1 Black River Drive
Paragould, AR 72450
870-239-0969

Black River
TECHNICAL COLLEGE

Welding



Black River Technical College
Dream It...Believe It...Achieve It...

Welding

About the Program

Individuals choosing a career in welding will find relatively high salaries and challenges.

Students who complete the training will be skilled professionals who are trained to accomplish the specified welds that are required in industrial blueprints.

Opportunities are expected to be good for individuals who complete formal welding training programs. Several years of combined experience and education are required for highly skilled professionals in this occupation.

Individuals will need to be equipped with the knowledge and skills necessary to perfect the different type of welds in order to compete in this profession. Employers recognize a higher skill level welder, particularly if the welder is certified and has completed formal training at an institution of higher learning.

The welding program at BRTC is a combination of metal welding courses consisting of metal cutting, arc welding, semiautomatic (MIG) welding, and tungsten inert gas (TIG) welding. Upon successfully completing the courses, students can test for certification in stick (SMAW), MIG (GMAW and FCAW) and TIG (GTAW). The testing procedures for certification are based on codes and standards set by industry associations.

Individuals enrolled in this program will perform welding to permanently join metal parts in construction or repair. In some instances, students will have the opportunity to use welding equipment to cut through materials using heat from burning gases or an electrical arc that will cut or trim to meet certain specifications.

Graduation requirements include passing plate welding certifications given in accordance with the American Welding Society Structural Welding Code, Section D1.1, Radiographic Examination.

There will be a \$30.00 charge for plate certification.

One-Year Certificate

First Semester	Credits
MTH 1023 Blueprint Reading	3 hours
WLD 1002 Applied Welding	2 hours
WLD 1004 Welding Theory I	4 hours
WLD 1013 Arc Welding	3 hours
WLD 1023 MIG Welding	3 hours

Program Courses

Second Semester	Credits
ENG 1003 Freshman English I OR	3 hours
SCOM 1203 Oral Communications OR	
COM 1013 Career Communications	
WLD 1003 Gas Shield Arc Welding	3 hours
WLD 1034 Welding Theory II	4 hours
WLD 1043 Position Welding	3 hours
WLD 1053 Certification Lab	3 hours
Total Program Hours:	31 hours

Career Opportunities

Persons who complete the welding program and obtain their certification may expect an exciting and rewarding career.

There are several career choices for welders. Most welders will work in manufacturing, construction, or wholesale trade.

Employers utilize welders in the construction and repair of ships, automobiles, spacecraft, and thousands of other manufactured products. Welders also find employment in the construction of buildings, bridges, pipelines, nuclear plants, refineries, and other structures.

Individuals seeking a career in welding should become familiar with the basic knowledge of computers, as some automated equipment will need programming. Welders need good reading and math skills to understand manuals and blueprints that outline new technology and repair techniques.

The demand for trained, professional welders is expected to be strong.

