

## 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).



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](mailto: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](http://www.blackrivertech.edu)

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

**Black River**  
**TECHNICAL COLLEGE**



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## Fire Science



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

# Fire Science

## About the Program

The Fire Science program at BRTC offers courses for upgrading career skills and enhancing the firefighter's eligibility for promotions. The program also prepares students for careers in firefighting and in private industry in various fire protection areas, and introduces a variety of fire protection-related career opportunities.

This program utilizes National Fire Academy and Arkansas Fire Academy courses, as well as courses developed by the Black River Technical College Fire Training Center.

This program is a career-laddering process with the first year graduate receiving a one-year certificate. The graduate of the one-year program should be prepared to enter the fire service field at an entry firefighter level, having met the qualifications of the National Fire Protection Association (NFPA) 1023 and 2013 Level I and II (Firefighter) and NFPA 1021 Level I (Fire Officer).

Through classroom and laboratory exercises, the student is introduced to various fire service hazards, fire prevention problems, fire suppression problems, hazardous materials, and fire service administrative problems. The student is taught numerous skills which include figuring pump hydraulics, investigation arson scenes, firefighting strategies, instruction of other fire fighters, fire inspections, and emergency medical care. A part of the instruction takes place at area fire departments on a flexible schedule using nights and weekends to allow maximum participation.

The curriculum in the Associate of Applied Science in Fire Science program is designed to enable individuals to draw on technical and professional knowledge in making effective decisions concerning fire science. Through technical education, the individual acquires specialized knowledge in this field of public service and develops specific competencies for the performance of fire service administrative and supervisory duties. The graduate of the Associate of Applied Science in Fire Science meet the qualifications of NFPA 1021 Level II (Fire Officer).

*(Programs are subject to change. Please check with Academic Advisor.)*

## Two-Year Associate of Applied Science Degree

	Credits
CA 1903 Introduction to Computer Concepts	3 hours
ENG 1003 Freshman English I	3 hours
ENG 1013 Freshman English II	3 hours
EMS 2009 Emergency Medical Technician	9 hours
FS 1002 Hazardous Materials for Firefighters	2 hours
FS 1023 Firefighter I	3 hours
FS 1033 Firefighter IA	3 hours
FS 1093 Principles of Emergency Services	3 hours
FS 1013 Fire Apparatus, Hydraulics, and Water Supply	3 hours
FS 2013 Firefighter II	3 hours
<b>Required Courses</b>	
FS 2133 Fire Prevention	3 hours
FS 2033 Building Construction for Firefighters	3 hours
FS 2163 Fire Protection Systems	3 hours
FS 2011 Fire Officer I, Module I	1 hour
FS 2021 Fire Officer I, Module 2	1 hour
FS 2031 Fire Officer I, Module 3	1 hour
MATH 0033 Intermediate Algebra (or higher)	3 hours
PE 1002 Concepts of Physical Education	2 hours
Social Science Elective	3 hours
FS or EMS Electives	5 hours
<b>Total Program Hours:</b>	<b>60 hours</b>

## Career Opportunities

The Fire Science Program is designed to provide students with the knowledge of modern municipal and rural fire protection and the skills necessary to apply that knowledge effectively on the job.

Graduates will find opportunities not only as firefighters in municipal fire departments, but in private industry as well. Employment possibilities also exist with insurance companies, industrial safety organizations, and federal, state, and county government.

Fire fighting is a popular career choice, which creates competition for the existing positions. However, fire protection is an essential service and citizens often exert considerable pressure on local officials to expand the level of fire protection.

