



# Alabama Power

## HVAC TRAINING CENTER

### Jasper & Mobile Locations



# Fall 2026

## September – December 2026

### INSTALLATION & SERVICE COURSES

(Classes noting CEU hours are approved for State of Alabama Contractor CEUs, BPI CEUs, and/or NATE CEUs)

## **ALL CLASSES START AT 8AM CST**

**1201 - Foundations for Troubleshooting Gas Furnaces:** (27 State and NATE CEUs) 4 Days. Systematic implementation of dual fuel system analysis procedure. Gain working knowledge of dual fuel heat pump systems; proper venting, sizing of gas line, sequence of operation, and proper system performance.

**November 16- 19**

**1501E - Basic Refrigeration & HVAC Operations:** (12 CEUs) 2 Days. Entry level; familiarization of refrigerant components, cycle of operation and problem recognition. **October 12 -13    November 16-17**

**1501 - Foundations for Troubleshooting HVAC Refrigerant Systems:** (27 State and NATE CEUs) 4 Days. Systematic implementation of the HVAC system analysis procedure and validation of actual sealed system performance of fully operational HVAC equipment. **September 14 - 17    October 5 - 8**

**October 26 -29    November 30 - December 3**

**1502E - Basic HVAC Electrical Operations:** (12 CEUs) 2 Days. Entry level; familiarization of HVAC electrical terminology, component identification and basic equipment functions. **October 14-15    November 18-19**

**1502 - Foundations for Troubleshooting HVAC Electrical Systems:** (27 State and NATE CEUs) 4 Days. Systematic implementation of HVAC system analysis procedure; and construction of an HVAC electrical system. Gain working knowledge of the basic concepts of electricity (i.e. volts, amps, capacitance, inductance, reactance, power factor, ohm's law, series/parallel circuits, etc.) **September 14- 17    October 5 - 8**

**October 26 - 29    November 2 - 5 MOBILE    November 30 - December 3**

**1503 - Troubleshooting HVAC Refrigerant Systems:** (27 State and NATE CEUs) 4 Days. **(Prerequisite 1501)** Development of refrigerant system troubleshooting skills through proper and systematic routines in a laboratory setting closely simulating the technician's normal work environment.

**September 28 - October 1    October 19 - 22    December 7-10**

**1504 - Troubleshooting HVAC Electrical Systems:** (27 State and NATE CEUs) 4 Days. **(Prerequisite 1502)** Development of electrical system troubleshooting skills through proper and systematic routines in a laboratory setting closely simulating the technician's normal work environment. Observe operation of live equipment; verify various failure operating modes; and identify exact cause of various system failures.

**September 28- October 1    October 19 - 22    December 7-10    December 7—10 Mobile**

**1505 - Servicing HVAC Refrigerant Systems:** (27 State and NATE CEUs) 4 Days. Brazing, unit fabrication, evacuation and charging. **September 21-24    October 12-15 MOBILE    November 2-5**  
**November 30 - December 3**

**1506 - Servicing HVAC Electrical Systems:** (27 State and NATE CEUs) 4 Days. **(Prerequisites 1502 & 1504)** Covers such areas as functions of solid state components used in HVAC equipment; use of meters and equipment to test and validate proper operation of components; programming of solid state thermostats to operate equipment at specific modes on specific time schedules and override capabilities for major brands of equipment. **October 12 - 15    November 2 - 5**

**1807 - Air Duct Fabrication, Installation, Testing, and Repair:** (27 State and NATE CEUs)4 Days. Inexperienced personnel learn to understand and apply recommended methods and techniques for fabricating duct from fibrous board material. Experienced personnel are provided the opportunity to enhance their knowledge of fibrous duct fabrication and Installation methods and practices. **November 16-19**

**1905 - Refrigerant Recovery Certification:** **September 22** **September 29 MOBILE** **November 9**

**A2L—Refrigerant Training:** **September 23** **September 30 MOBILE** **November 10**

**State Board Review: (20 NATE CEUs):** This 3 day course is to prepare the student to take the Alabama HVAC Certification exam. **October 6 - 8 MOBILE** **October 13 - 15** **December 14- 16**

**Duct & Envelope Tightness:** (12 State CEUs) This two day course is designed to introduce the skills necessary to become a Duct and Envelope Tightness (DET) Verifier, certified to perform the diagnostic testing required for new homes by the 2015 IRC/IECC with Alabama amendments. Online math course must be completed prior to attending. Details given at registration. **September 9-10** **November 2 - 3** **November 4 - 5**

## **APPLICATION COURSES**

**1802 - Residential Load Calculations:** (27 State and NATE CEUs) 4Days. Develop industry accepted knowledge and skills of sizing residential heating and cooling equipment through hands-on training in a classroom and laboratory setting. (Based on the Manual J approach to load calculations.) **September 14- 17** **October 5-8**  
**November 16—19**

**1803 - Residential Duct Design:** (27 State and NATE CEUs) 4 Days. **(Prerequisite 1802)** Complete tasks such as determining the design CFM for sizing a duct system and proper air volume for each conditioned zone, based on design heat gain/loss. Determine the type, size, number and placement of supply diffusers and return air grilles; select proper equipment configuration for selected applications; draw layout of locations and size trunk, branch and return duct. (ACCA Manual D method.) **September 28 - October 1** **October 26 - 29**

**Airstage - Residential :** (8 State and NATE CEUs) 2 Days. Fujitsu Mini-Split course covers equipment selection, application, safety, single and multi-zone refrigeration systems, proper flaring techniques, component identification and testing, compressor, motor, & EEV's and troubleshooting system errors.  
**September 15 - 16** **December 1 - 2**

**Airstage - Commercial :** 2.5 Days. The Airstage VRF Technician Course is designed to provide a Technician the information to knowledgably progress through a complete Fujitsu Airstage VRF installation, setup, startup, and extended warranty. This includes Airstage J-Series, V-Series, and heat recovery equipment. The class includes information with hands-on labs each day on system components, system operation, Service Software, troubleshooting, and the design Simulator software. **September 22 - 24** **October 27-29** **December 8-10**

**Residential Energy Efficiency:** 4 Days. This course provides students with an understanding of the benefits and knowledge of energy efficient building construction methods; thermally efficient materials; construction techniques to reduce air infiltration and energy conservation measures. **November 16-19**

**Water Heater Troubleshooting:** 2 Days. This course provides a comprehensive overview of water heater types, components, and maintenance procedures. Participants will learn to identify common problems, perform essential repairs, and understand safety mechanisms built into modern water heaters. The course covers tanked, tankless, gas, electric, and heat pump water heaters, with a focus on practical troubleshooting and repair skills for technicians and facility staff. By the end of the course learners will be equipped to maintain, diagnose, and repair water heaters safely and efficiently. **November 9 - 10**

**To register visit: [www.alabamapower.com/hvac](http://www.alabamapower.com/hvac)**

## **Alabama Power Company HVAC Training Center Approved Curriculum To Sit For State of Alabama HVAC Contractor's License Exam**

### **1501 - Foundations for Troubleshooting HVAC Refrigerant Systems:**

**27 hours**

4 Days. Systematic implementation of the HVAC system analysis procedure and validation of actual sealed system performance of fully operational HVAC equipment.

### **1502 - Foundations for Troubleshooting HVAC Electrical Systems:**

**27 hours**

4 Days. Systematic implementation of HVAC system analysis procedure; and construction of an HVAC electrical system. Gain working knowledge of the basic concepts of electricity (i.e. volts, amps, capacitance, inductance, reactance, power factor, ohm's law, series/parallel circuits, etc.)

### **1503 - Troubleshooting HVAC Refrigerant Systems:**

**27 hours**

4 Days. (Prerequisite 1501) Development of refrigerant system troubleshooting skills through proper and systematic routines in a laboratory setting closely simulating the technician's normal work environment.

### **1504 - Troubleshooting HVAC Electrical Systems:**

**27 hours**

4 Days. (Prerequisite 1502) Development of electrical system troubleshooting skills through proper and systematic routines in a laboratory setting closely simulating the technician's normal work environment. Observe operation of live equipment; verify various failure operating modes; and identify exact cause of various system failures.

### **1505 - Servicing HVAC Refrigerant Systems:**

**27 hours**

4 Days. Brazing, unit fabrication, evacuation and charging.

### **1506 - Servicing HVAC Electrical Systems:**

**27 hours**

4 Days. (Prerequisites 1502 & 1504) Covers such areas as functions of solid state components used in HVAC equipment; use of meters and equipment to test and validate proper operation of components; programming of solid state thermostats to operate equipment at specific modes on specific time schedules and override capabilities for major brands of equipment.

### **1201 - Foundations for Troubleshooting Gas Furnaces:**

**27 Hours**

4 Days. Systematic implementation of dual fuel system analysis procedure. Gain working knowledge of dual fuel heat pump systems; proper venting, sizing of gas line, sequence of operation, and proper system performance.

### **1802 - Residential Load Calculations:**

**27 Hours**

4 Days. Develop industry accepted knowledge and skills of sizing residential heating and cooling equipment through hands-on training in a classroom and laboratory setting. (Based on the Manual J approach to load calculations.)

### **1803 - Residential Duct Design:**

**27 Hours**

4 Days. (Prerequisite 1802) Complete tasks such as determining the design CFM for sizing a duct system and proper air volume for each conditioned zone, based on design heat gain/loss. Determine the type, size, number and placement of supply diffusers and return air grilles; select proper equipment configuration for selected applications; draw layout of locations and size trunk, branch and return duct. (ACCA Manual D method.)

### **1807 - Duct Board Fabrication & Installation:**

**27 Hours**

4 Days. Inexperienced personnel learn to understand and apply recommended methods and techniques for fabricating duct from fibrous board material. Experienced personnel are provided the opportunity to enhance their knowledge of fibrous duct fabrication and installation methods and practices.

**Total Hours Required - 270**



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## HVAC TRAINING CENTER

All prices below include registration, and all class materials (except State Board Review).

Hotel accommodations not included

1201	\$1,400	1807	\$1,400
1501E	\$700	State Board Review	\$1,050
1501	\$1,400	Course only, does not include books	
1502E	\$700	A2L	\$385
1502	\$1,400	1905 Ref. Recovery	\$385
1503	\$1,400	Water Heating Troubleshooting	\$700
1504	\$1,400	AIRSTAGE - Residential	\$700
1505	\$1,400	AIRSTAGE - Commercial	\$499
1506	\$1,400	***DET	\$700
1802	\$1,400	Residential Energy Efficiency	\$1400
1803	\$1,400		

**\*\*\*Participant is responsible for payment of  
DET Certification to Alabama Home Builders Association.**

**Please note that we do not accept personal checks.**

**Acceptable forms of payment are company checks,  
cashier checks, money order and credit cards.**

**Hotel Accommodations: available at the Holiday Inn Express- 1-205-387-8383,**

**Hampton Inn, Jasper- 1-205-221-3334, and Sleep Inn & Suites 1-205-387-2001**

ALABAMA POWER HVAC TRAINING CENTER

3711 Industrial Court Jasper, AL 35501

1-800-634-0154 or [www.alabamapower.com/hvac](http://www.alabamapower.com/hvac)

REVIEW FOR STATE OF ALABAMA HEATING & AIR CONDITIONING CONTRACTOR'S CERTIFICATION TEST

This training is a review of the books and materials required for the State of Alabama Contractor's Certification Test.

**Books are not included in the price of the class and must be purchased prior to attending.**

Books are available for purchase at the Training Center. See list below.

**Dates for Review Class: JASPER LOCATION: October 13 - 15 December 14 -16**

**MOBILE LOCATION: October 6 - 8**

**Cost of Review Class - \$1,050**

REFERENCES FOR HEATING AND AIR CONDITIONING

<u>Book</u>	<u>Price</u>
<u>International Residential Code for 1 and 2 Family Dwellings, 2021</u>	<u>200.00</u>
<u>Refrigeration &amp; Air Conditioning Technology, 9<sup>th</sup> Edition</u>	<u>305.00</u>
<u>Manual J-Residential Load Calculations (8<sup>th</sup> Edition - Abridged)</u>	<u>94.00</u>
<u>Manual D—Residential Duct Systems (2009)</u>	<u>99.00</u>
<u>ACCA Ductulator</u>	<u>60.00</u>
<u>NASCLA Contractors Guide to Bus., Law and Proj. Management (Basic 14th Edition)</u>	<u>88.00</u>

HVAC Laws & Regulations Contact HACR Board of Alabama

\*\*\*Books should be most recent versions on State list\*\*\*

**BOOK PRICES ARE SUBJECT TO CHANGE**

Subtotal \_\_\_\_\_

Total cost of books plus tax = \$926.37

Tax (9.5%) \_\_\_\_\_

Total cost of all books with tax & shipping = \$956.37

Total cost of books & review course = \$2,006.37

Shipping & Handling \$30.00

Total cost of books, review course,  
& shipping = \$ 2,036.37

Cost of Review Class \$1,050.00

**Total** \_\_\_\_\_

Registration Form

Name \_\_\_\_\_ Company \_\_\_\_\_

Address \_\_\_\_\_

City/State \_\_\_\_\_ Zip \_\_\_\_\_ Phone \_\_\_\_\_

Email address \_\_\_\_\_

Method of Payment: Check or Money Order – Payable to Alabama Power Company

MC VISA AMEX DISCOVER

**To make a payment by credit card, please call 1-800-634-0154.**

# HVAC FAST TRACK PROGRAM

For more information visit the links below.

[Bevill State/Jasper, AL](http://www.bscc.edu/programs/workforce-solutions)

[www.bscc.edu/programs/workforce-solutions](http://www.bscc.edu/programs/workforce-solutions)

Then scroll down to HVAC Fast Track

[Bishop State/Mobile, AL](http://www.bishop.edu/programs/workforce-development)

[www.bishop.edu/programs/workforce-development](http://www.bishop.edu/programs/workforce-development)

Then scroll down to HVAC Fast Track

**APC HVAC Training Center courses are available in Mobile, on Bishop State Community College's Southwest Campus. Available course dates are listed in Green.**

## Water Heater Troubleshooting

This 2 Day course provides a comprehensive overview of water heater types, components, and maintenance procedures. Participants will learn to identify common problems, perform essential repairs, and understand the safety mechanisms built into modern water heaters. The course covers tanked, tankless, gas, electric, and heat pump water heaters, with a focus on practical troubleshooting and repair skills for technicians and facility staff. At the end course, learners will be equipped to maintain, diagnose, and repair water heaters safely and efficiently.

**Available dates: November 9-10**

## Residential Energy Efficiency

This 4 day course provides students with an understanding of the benefits and knowledge of energy efficient building construction methods; thermally efficient materials, construction techniques to reduce air infiltration and energy conservation measures

**Available dates: November 16-19**



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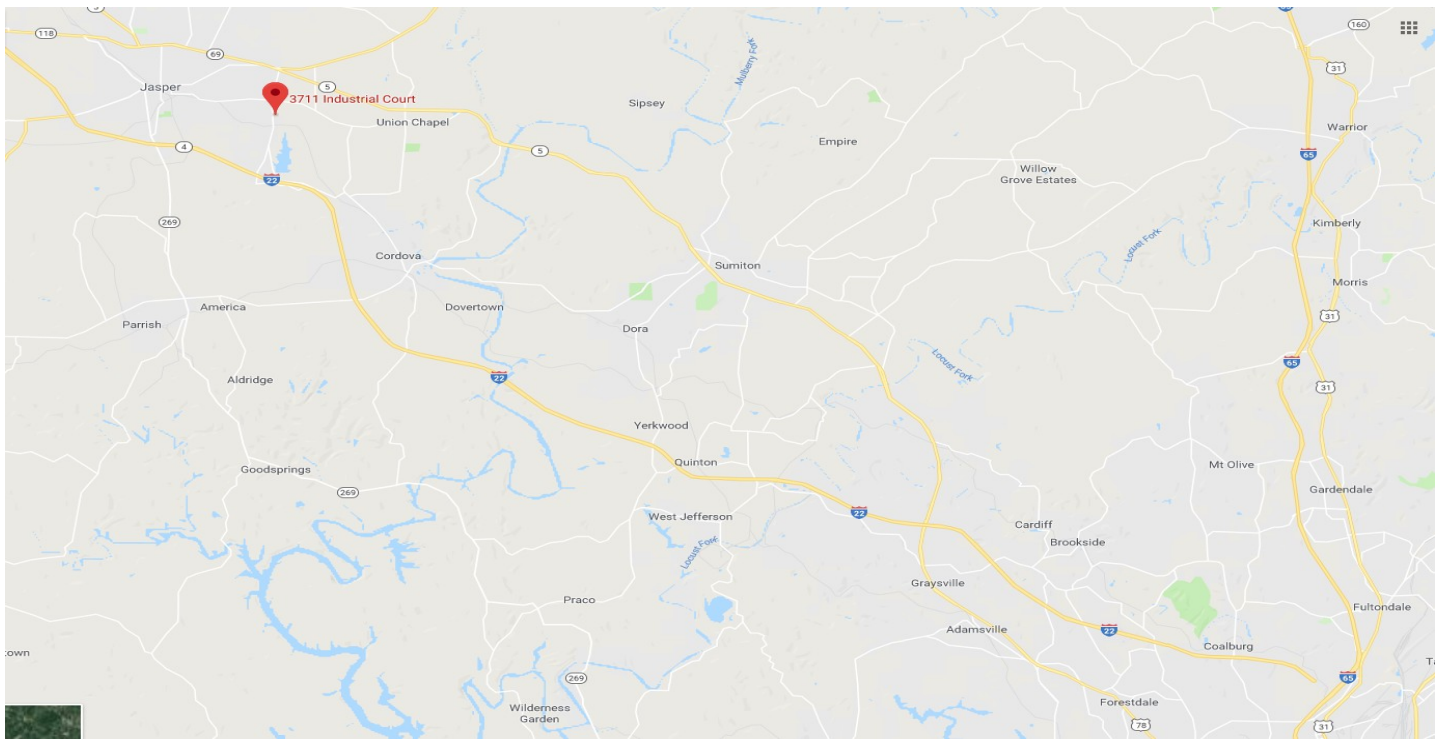
# Alabama Power

**HVAC Training Center**

**3711 Industrial Court**

**Jasper, AL 35501**

**1-800-634-0154**



**Visit our website**

**[www.alabamapower.com/hvac](http://www.alabamapower.com/hvac)**

Follow I-65 to Corridor X/ I-22 Exit #265. Follow I-22 West approximately 32 miles to Exit 65 for Industrial Parkway. Turn right onto Industrial Parkway. Go approximately 2 miles and watch for HVAC Training Center sign on right side of road. Turn right at sign (Industrial Court). Training Center will be the facility located in the back housed along with Beville State Community College . Physical address: 3711 Industrial Court, Jasper, AL 35501.