

University of Arkansas
East Arkansas Community College
Technical Certificate in Residential Heat and Air Conditioning

The Residential Heat and Air Conditioning program offers training in all aspects of heat and air conditioning. You will learn about brazing, basic electricity (as applied in the HVAC industry), how to use meters, how to troubleshoot units, and much more. During the occasions spent in the shop, you will be given ample time to apply what you have learned in the classroom.

I. Term I	Credit Hours	Semester	Year	Grade
ENG 1033 Communication Skills I -or- Higher	3			
RHA 1202 Application Lab I	2			
ELE 1014 Basic Electricity	4			
RHA 1103 Introduction to Air Conditioning OR MAS 1503 Domestic Refrigeration	3			
RHA 2202 Electrical Components and Motors	2			
Total Semester Hours	14			
II. Term II	Credit Hours	Semester	Year	Grade
MTH 1083 Technical Mathematics -or- Higher	3			
RHA 2302 Application Lab II	2			
RHA 1302 Tubing, Pipe, and Brazing	2			
RHA 2603 Fundamentals of Gas and Electric Heat	3			
RHA 2702 Heat Gain and Loss	2			
Total Semester Hours	12			
III. Term III				
RHA 2805 Residential Systems	5			
Total Semester Hours	5			
Total Certificate Hours	31			