



JIMMY H. BAKER
Chancellor

Proposal for a New Degree Program

I. Information and Rationale

A. Primary Contact Information

Institution: Snead State Community College

Contact: Greg Randall

Title: Dean of Career Technical Education and Workforce Development

Email: greg.randall@snead.edu

Telephone: 256-840-4166

B. Program Information

Date of Proposal Submission: 10/31/2024

Award Level: UG Certificate 30-60 CHrs (CER)

Award Nomenclature (e.g., BS, MBA): Cert

Field of Study/Program Title: HVAC Technologist

CIP Code (6-digit): 15.0501

C. Implementation Information

Proposed Program Implementation Date: 8/1/2025

Anticipated Date of Approval from Institutional Governing Board: 3/12/2025

Anticipated Date of ACHE Meeting to Vote on Proposal: 3/13/2025

SACSCOC Sub Change Requirement (Notification, Approval, or NA): Approval

Other Considerations for Timing and Approval (e.g., upcoming SACSCOC review): June 2025

D. Specific Rationale (Strengths) for the Program

List 3 – 5 strengths of the proposed program as specific rationale for recommending approval of this proposal.

1. The HVAC/R industry is experiencing strong growth due to increasing construction, rising demand for energy-efficient systems, and an aging workforce. A new certification program will help address the shortage of qualified professionals in this essential sector, ensuring that students are prepared to meet industry needs.
2. Graduates of HVAC/R programs typically enjoy strong job prospects with opportunities in residential, commercial, and industrial settings. This field offers competitive wages and career stability, making it an attractive option for students seeking long-term employment in a high-demand industry.



JIMMY H. BAKER
Chancellor

3. As demand for energy-efficient and environmentally friendly systems grows, a program focused on HVAC/R technologies will align with sustainability goals. The curriculum can emphasize the latest innovations such as energy-efficient heating and cooling systems and environmentally responsible refrigerants, which can help students develop skills relevant to future industry trends.

4. By offering a specialized certification program, the college can help local businesses and industries build a more skilled workforce, which can stimulate the local economy. Trained HVAC/R technicians can support infrastructure development, service industries, and businesses that depend on climate control systems, thus fostering economic growth within the region.

List external entities (more may be added) that may have supplied letters of support attesting to the program's strengths and attach letters with the proposal at the end of this document.

1. Marshall County Alabama Homebuilders Association- Representing the following members
 - All Seasons Heating and Air Conditioning
 - Cash Heating & Cooling
 - Economy Air
 - J & M HVAC Plumbing Services
 - Parker Heating & Cooling
 - Perfect Climate Heating & Cooling
 - All Seasons Heating and Cooling
2. Congressman Robert Aderholt

Please see [APPENDIX A](#) for evidence of industry support letters.

II. Background with Context

A. Concise Program Description

The HVAC/R Certificate Program provides students with the essential skills and knowledge needed to install, maintain, and repair heating, ventilation, air conditioning, and refrigeration systems. This comprehensive program covers topics such as system design, troubleshooting, electrical components, and energy-efficient technologies. Through hands-on training and industry-relevant coursework, students will gain expertise in the operation and servicing of HVAC/R equipment, preparing them for a successful career in the growing field of climate control systems.

This certificate will be embedded in the current AAS program in HVAC/R at Snead State and will use current curriculum, budget, and instructor.

B. Student Learning Outcomes

List four (4) to seven (7) of the student learning outcomes of the program.

1. Apply safety rules and regulations when working.



JIMMY H. BAKER
Chancellor

2. Install, repair and service most commercial and domestic refrigeration systems.
3. Use a standard wiring schematics, tools, and meters in troubleshooting most air conditioning, heating, and refrigeration systems.
4. Install and service most residential heat pump systems.
5. Calculate residential heat loss, heat gain, and air qualities in most heating and air conditioning systems.
6. Install and service most heating systems including gas, oil, and electric.
7. Demonstrate skills that meet or exceed Alabama contractor licensing requirements

C. Administration of the Program

Name of Dean and College: Dr. Greg Randall Snead State Community College

Name of Department/Division: Career Technical Education

Name of Chairperson: Dr. Todd Freshwater

D. Similar Programs at Other Alabama Public Institutions

List programs at other Alabama public institutions of the same degree level and the same (or similar) CIP codes. If no similar programs exist within Alabama, list similar programs offered within the 16 SREB states. If the proposed program duplicates, closely resembles, or is similar to any other offerings in the state, provide justification for any potential duplication.

CIP Code	Degree Title	Institution with Similar Program	Justification for Duplication
15.0501	HVAC Technology	Calhoun CC	Calhoun CC is approximately 1 hour north of Snead State. Students can reduce travel time by enrolling in courses locally. Business and industry in Marshall County will be provided a shorted drive time for employee training
15.0501	HVAC Technology	Northeast Alabama CC	Northeast Alabama CC is approximately 50 minutes east of Snead State. Students can reduce travel time by enrolling in courses locally. Business and industry in Marshall County will be provided a shorted drive time for employee training
15.0501	HVAC Technology	Wallace State CC	Wallace State CC is approximately 45 minutes northwest of Snead State. Students can reduce travel time by enrolling in courses locally. Business and industry in Marshall County will be provided a shorted drive time for employee training
15.0501	HVAC Technology	Gadsden State CC	Gadsden State CC is approximately 30 minutes south of Snead State. Students can reduce travel time by enrolling in courses locally. Business and industry in Marshall County will be provided a shorted drive time for employee training



JIMMY H. BAKER
Chancellor

E. Relationship to Existing Programs within the Institution

1. Is the proposed program associated with any existing offerings within the institution, including options within current degree programs? Yes No

(Note: Most new programs have some relationship to existing offerings, e.g., through shared courses or resources). If yes, complete the following table. If this is a graduate program, list any existing undergraduate programs which are directly or indirectly related. If this is a doctoral program, also list related master's programs.

Related Degree Program Level	Related Degree Program Title	Explanation of the Relationship Between the Programs
AAS	HVAC/R	Snead State currently has a two-year degree program in HVAC/R. This certificate will be embedded within the AAS. The courses for this certificate are comprised of the first three semesters of the AAS degree

2. Will this program replace any existing programs or specializations, options, or concentrations? Yes No

If yes, please explain.

3. Will the program compete with any current internal offerings? Yes No

If yes, please explain.

F. Collaboration

- Have collaborations with other institutions or external entities been explored? Yes No

If yes, provide a brief explanation indicating those collaboration plan(s) for the proposed program.

- Have any collaborations within your institution been explored? Yes No

If yes, provide a brief explanation indicating those collaboration plan(s) for the proposed program.

G. Specialized Accreditation

1. Will this program have any external accreditation requirements in addition to the institution's SACSCOC program requirements? Yes No

If yes, list the name(s) of the specialized accrediting organization(s) and the anticipated timeframe of the application process.

2. Does your institution intend to pursue any other non-required accrediting Yes No



JIMMY H. BAKER
Chancellor

organizations for the program?*

If yes, list the name(s) of the organization(s) and the purpose of the pursuit.

- Power5 HVAC

It is the goal of the College to have the HVAC/R program designated as a Power5 HVAC apprenticeship program

If there are plans to pursue non-required external accreditation at a later date, list the name(s) and why the institution is not pursuing them at this time. NA

Note: Check No to indicate that non-required external accreditation will not be pursued, which requires no explanation.

H. Admissions

Will this program have any additional admissions requirements beyond the institution's standard admissions process/policies for this degree level? Yes No

If yes, describe any other special admissions or curricular requirements, including any prior education or work experience required for acceptance into the program.

I. Mode of Delivery

Provide the planned delivery format(s) (*i.e.*, in-person, online, hybrid) of the program as defined in policy along with the planned location(s) at which the program will be delivered (*i.e.*, on-campus and/or at specific off-campus instructional site(s)). Please also note whether any program requirements can be completed through competency-based assessment.

The primary modality for the core courses in the Certificate HVAC/R Technologist will be traditional and include classroom and practical application laboratory. Less than 2 percent of the core courses will be delivered in a hybrid and online format. To complete the certificate, students will satisfy the general education requirements through enrollment in online, hybrid, or main campus classroom sections of general education courses.

J. Projected Program Demand (Student Demand)

Briefly describe the primary method(s) used to determine the level of student demand for this program using evidence, such as enrollments in related coursework at the institution, or a survey of student interest conducted (indicate the survey instrument used), number and percentage of respondents, and summary of results.

Prior to application for the HVAC/R Technology program, a survey was conducted with local high schools in order to gauge the interest in dual enrollment. Withing the same survey, an analysis was conducted to determine the demand from the local community and traditional enrollment.

The survey was conducted and received 142 number of responses to date. Of those responses, 37 (26.06%) indicated that they would enroll in HVAC/R Technology if the program was available. The results can be found in [APPENDIX B](#).



JIMMY H. BAKER
Chancellor

III. Program Resource Requirements
A. Proposed Program Faculty*

Current Faculty and Faculty to Be Hired

Complete the following **New Academic Degree Proposal Faculty Roster** to provide a brief summary and qualifications of current faculty and potential new hires specific to the program.

***Note:** Institutions must maintain and have current as well as additional faculty curriculum vitae available upon ACHE request for as long as the program is active, but CVs are **not** to be submitted with this proposal.

Current Faculty			
1	2	3	4
CURRENT FACULTY NAME (FT, PT)	COURSES TAUGHT including Term, Course Number, Course Title, & Credit Hours (D, UN, UT, G, DU)	ACADEMIC DEGREES and COURSEWORK Relevant to Courses Taught, including Institution and Major; List Specific Graduate Coursework, if needed	OTHER QUALIFICATIONS and COMMENTS Related to Courses Taught and Modality(ies) (IP, OL, HY, OCIS)
FT- Johnny Winfrey	Fall 2025 Course# Course Name CH ACR 111 Principles of Refrigeration 3 DU, UN ACR 112 HVACR Service Procedures 3 DU, UN ACR 113 Refrigeration Piping Practices 3 DU, UN ACR 147 Refrigerant Transition and Recovery Theory 3 DU, UN Spring 2026 Course# Course Name CH ACR 121 Principles of Electricity for HVACR 3 DU, UN ACR 122 HVAC Electric Circuits 3 DU, UN ACR 123 HVAC/R Electrical Components 3 DU, UN ACR 127 HVACR Electric Motors 3 DU, UN Summer 2026 ACR 148 Heat Pump Systems I 3 DU, UN ACR 120 Fundamentals of Electric Heating Systems 3 DU, UN ACR 210 Troubleshooting HVAC Systems 3 DU, UN ACR 119 Fundamentals of Gas Heating Systems 3 DU, UN	AAS HVAC/R Technology Gadsden State CC	In Person, Hybrid, Online
Additional Faculty (To Be Hired)			
1	2	3	4
FACULTY POSITION (FT, PT)	COURSES TO BE TAUGHT including Term, Course Number, Course Title, & Credit Hours (D, UN, UT, G, DU)	ACADEMIC DEGREES and COURSEWORK Relevant to Courses Taught, including Institution and Major; List Specific Graduate Coursework, if needed	OTHER QUALIFICATIONS and COMMENTS Related to Courses Taught and Modality(ies) (IP, OL, HY, OCIS)
NA			

Abbreviations: (FT, PT): Full-Time, Part-Time; (D, UN, UT, G, DU): Developmental, Undergraduate Nontransferable, Undergraduate Transferable, Graduate, Dual: High School Dual Enrollment
 Course Modality: (IP, OL, HY, OCIS): In-Person, Online, Hybrid, Off-Campus Instructional Site
 Courses Taught/To be Taught – For a substantive change prospectus/application, list the courses *to be taught*, not historical teaching assignments.



JIMMY H. BAKER
Chancellor

B. All Proposed Program Personnel

Provide all personnel counts for the proposed program.

Employment Status of Program Personnel		Personnel Information		
		Count from Proposed Program Department	Count from Other Departments	Subtotal of Personnel
Current	Full-Time Faculty	1	5	6
	Part-Time Faculty			
	Administration	1		1
	Support Staff	2	2	4
**New To Be Hired	Full-Time Faculty	NA		
	Part-Time Faculty			
	Administration			
	Support Staff			
			Personnel Total	11

****Note:**
Any new funds

designated for compensation costs (Faculty (FT/PT), Administration, and/or Support Staff to be Hired) **should be included** in the **New Academic Degree Program Business Plan Excel file**. Current personnel salary/benefits (Faculty (FT/PT), Administration, and/or Support Staff) **should not be included** in the **Business Plan**.

Provide justification that the institution has proposed a sufficient number of faculty (full-time and part-time) for the proposed program to ensure curriculum and program quality, integrity, and review.

The proposed HVAC/R Certificate program at Snead currently has a full-time instructor for the AAS HVAC/R degree. This instructor will also teach the embedded certificate.

C. Equipment

Will any special equipment be needed specifically for this program? **Yes** **No**
If yes, list the special equipment. Special equipment cost should be included in the **New Academic Degree Program Business Plan Excel file**.

D. Facilities

Will any new facilities be required specifically for the program? **Yes** **No**
If yes, list only **new** facilities. New facilities cost should be included in the **New Academic Degree Program Business Plan Excel file**.

Will any renovations to any existing infrastructure be required specifically for the program? **Yes** **No**

If yes, list the renovations. Renovation costs should be included in the **New Academic Degree Program Business Plan Excel file**.

E. Assistantships/Fellowships

Will the institution offer any assistantships specifically for this program? **Yes** **No**



JIMMY H. BAKER
Chancellor

If yes, how many assistantships will be offered?

The expenses associated with any *new* assistantships should be included in the **New Academic Degree Program Business Plan Excel file**.

F. Library

Provide a brief summarization (one to two paragraphs) describing the current status of the library collections supporting the proposed program.

Programs that are proposed to be offered at the Snead State Workforce and Career Institute will have access to the electronic resources afforded by the library located at the main campus. The Workforce Skills Training Center will have a portion of the facility reserved for students to conduct literature research through the Snead State Library. The core program curriculum for the HVAC/R certificate program will prepare students in the field of manufacturing. Resources and text are all-inclusive to meet the needs of students in the program courses.

Should a student identify a need or have a desire to access Snead State library and learning services, they will have no problem doing so. Since the active Snead Library collection is fully online, all Snead State students regardless of type (dual enrollment, traditional, non-traditional) or location (on campus, off-campus instructional site, distance learning) have full access to all current library resources by simply logging into the library on the Internet with only their student identification number.

Online training available to all students includes LibGuides on using the Snead online library and doing library research, instructional videos within the LibGuides, embedded 'Guest Librarians' within online course shells at the request of instructors, as well as contact through email and social media. Information about the Snead State library including services and hours of operation is available on the Snead State website. Each course syllabus also includes information about the Snead State library and direct links to the online library are in every online course shell.

Will additional library resources be required to support the program? Yes No

If yes, briefly describe how any deficiencies will be remedied, and include the cost in the **New Academic Degree Program Business Plan Excel file**.

G. Accreditation Expenses

Will the proposed program require accreditation expenses? Yes No

If yes, briefly describe the estimated cost and funding source(s) and include cost in the **New Academic Degree Program Business Plan Excel file**.

The Southern Association of Schools Commission on Colleges charges a fee of \$500 to review new program proposals.

H. Other Costs



JIMMY H. BAKER
Chancellor

Please explain any other costs to be incurred with program implementation, such as marketing or recruitment costs. Be sure to note these in the **New Academic Degree Program Business Plan Excel file**.

I. Revenues for Program Support

Will the proposed program require budget reallocation? Yes No

If yes, briefly describe how any deficiencies will be remedied and include the revenue in the **New Academic Degree Program Business Plan Excel file**.

Will the proposed program require external funding (e.g., Perkins, Foundation, Federal Grants, Sponsored Research, etc.)? Yes No

If yes, list the sources of external funding and include the revenue in the **New Academic Degree Program Business Plan Excel file**.

- Perkins IV

Please describe how you calculated the tuition revenue that appears in the **New Academic Degree Program Business Plan Excel file**. Specifically, did you calculate using cost per credit hour or per term? Did you factor in differences between resident and non-resident tuition rates?

The calculated revenue was based upon enrollment estimates within a 60-mile radius of the College. The reasoning behind the local enrollment projecting is based upon the assumption that non-resident students would not be willing to commute to the campus due the requirement of traditional classroom contact hours. Enrollment projections were based upon a progressive student registration forecast over a seven-year period. It is expected an initial enrollment of at least seven students will begin in year one, with an additional seven students added in year two. In years three through seven it is estimated that a 5% increase in enrollment will take place for each school year. Students will be enrolled in the existing AAS HVAC/R Technology course curriculum.

III. Employment Outcomes and Program Demand (Industry Need)

A. Standard Occupational Code System

Using the federal Standard Occupational Code (SOC) System, indicate the top three occupational codes related to post-graduation employment from the program. A full list of SOCs can be found at <https://www.onetcodeconnector.org/find/family/title#17>.

A list of Alabama's *In-Demand Occupations* is available at <https://www.ache.edu/index.php/policy-guidance/>.

SOC 1 (required): 49-9021

Briefly describe how the program fulfills a specific industry or employment need for the State of Alabama. As appropriate, discuss alignment with Alabama's Statewide or Regional Lists of In-Demand Occupations (<https://www.ache.edu/index.php/policy-guidance/>) or with



JIMMY H. BAKER
Chancellor

emerging industries as identified by [Innovate Alabama](#) or the [Economic Development Partnership of Alabama](#) (EDPA).

Business and industry in the College's service area have expressed their desire to hire trained HVAC and Refrigeration technicians. According to an Emsi analysis of the HVAC/R career field ([APPENDIX C](#)), companies within a 60-mile radius of the College will experience an average of a 7.9 percent increase in HVAC/R technician positions through the year 2030.

A. Employment Preparation

Describe how the proposed program prepares graduates to seek employment in the occupations ([SOC codes](#)) identified.

The HVAC/R Certificate Program provides students with the essential skills and knowledge needed to install, maintain, and repair heating, ventilation, air conditioning, and refrigeration systems. This comprehensive program covers topics such as system design, troubleshooting, electrical components, and energy-efficient technologies. Through hands-on training and industry-relevant coursework, students will gain expertise in the operation and servicing of HVAC/R equipment, preparing them for a successful career in the growing field of climate control systems. The program is designed for individuals seeking to enter the HVAC/R industry or advance their existing skills in this high-demand sector.

The HVAC/R program will also serve as an opportunity for students to participate in a Power 5 apprenticeship with employers.

B. Professional Licensure/Certification

Please explain if professional licensure or industry certification is required for graduates of the proposed program to gain entry-level employment in the occupations selected. Be sure to note which organization(s) grants licensure or certification.

Graduates of the program will hold an EPA 608 certification in order to purchase refrigerants. Graduates will also prepare to pass the Alabama Board of Heating, Air Condition and Refrigeration Contractors exam in order to be licensed in the state of Alabama.

C. Additional Education/Training

Please explain whether further education/training is required for graduates of the proposed program to gain entry-level employment in the occupations selected.

No further training will be required to find employment in the field.

IV. Curriculum Information for Proposed Degree Program

A. Program Completion Requirements: Enter the credit hour value for all applicable components (enter N/A if not applicable).

Curriculum Overview of Proposed Program	
Credit hours required in general education	6
Credit hours required in program courses	36



JIMMY H. BAKER
Chancellor

Credit hours in program electives/concentrations/tracks	0
Credit hours in free electives	0
Credit hours in required research/thesis	0
Total Credit Hours Required for Completion	42

Note: The above credit hours **MUST** match the credit hours in the *Curriculum Components of Proposed Program* table in Section V.G.

- B. Maximum number of credits that can be transferred in from another institution and applied to the program: 31
- C. Intended program duration in semesters for full-time students: 3
- D. Intended program duration in semesters for part-time students: 6
- E. Does the program require students to demonstrate industry-validated skills, specifically through an embedded industry-recognized certification, structured [work-based learning](#) with an employer partner, or alignment with nationally recognized industry standards? Yes No

If yes, explain how these components fit with the required coursework.

Students will have the opportunity to participate in a Power 5 HVAC apprenticeship with local contractors. Students will attend class two days per week and work in the field when classes are not scheduled.

- F. Does the program include any concentrations? Yes No

If yes, provide an overview and identify these courses in the *Electives/Concentrations/Tracks* section in the Curriculum Components of Proposed Program Table in Section V.G.

- G. Please provide all course information as indicated in the following table. Indicate new courses with “Y” in the associated column. If the course includes a required work-based learning component, such as an internship or practicum course, please indicate with a “Y” in the WBL column.

Program Name:	HVAC Technologist			
Program Level:	Certificate			
Curriculum Components of Proposed Program				
Course Number	Course Title	Credit Hours	New? (Y)	WBL? (Y)
General Education Courses (Undergraduate Only)				
MTH 116	Mathematical Applications	3		
ENG 101	English	3		
Program Courses				



JIMMY H. BAKER
Chancellor

ACR 111	Principles of Refrigeration	3		Y
ACR 112	HVACR Service Procedures	3		Y
ACR 113	Refrigeration Piping Practices	3		Y
ACR 147	Refrigerant Transition and Recovery Theory	3		Y
ACR 121	Principles of Electricity for HVACR	3		Y
ACR 122	HVAC Electric Circuits	3	Y	Y
ACR 123	HVAC/R Electrical Components	3		Y
ACR 127	HVACR Electric Motors	3		Y
ACR 148	Heat Pump Systems I	3		Y
ACR 120	Fundamentals of Electric Heating Systems	3	Y	Y
ACR 210	Troubleshooting HVAC Systems	3	Y	Y
ACR 119	Fundamentals of Gas Heating Systems	3		Y
Program Electives/Concentrations/T racks				
Research/Thesis				
*Total Credit Hours Required for Completion	42			
		42		

***Note:** The total credit hours should equal the total credit hours in the Curriculum Overview table (V.B, p. 9).



JIMMY H. BAKER
Chancellor

New Academic Degree Program Summary/Business Plan

Use the Excel form from for **New Academic Degree Program Business Plan**, to complete the New Academic Program Degree Proposal.

Steps for Submitting the New Academic Degree Proposal

1. Complete the **New Academic Degree Proposal** document.
2. Attach the letters of support from external entities listed in *Section I.D.* at the end of the **New Academic Degree Proposal** document.
3. Save the **New Academic Degree Proposal** document as a **.pdf file**.
4. Complete the **New Academic Degree Program Business Plan** and save as an **.xlsx file**.

ACADEMIC DEGREE PROGRAM PROPOSAL SUMMARY

INSTITUTION:	Snead State Community College		
PROGRAM NAME:	HVAC Technologist Certificate	CIP CODE:	15.0501
SELECT LEVEL:	UNDERGRADUATE (ASSOCIATE)		

ESTIMATED *NEW* EXPENSES TO IMPLEMENT PROPOSED PROGRAM

	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	TOTAL
FACULTY	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ADMINISTRATION/STAFF	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
EQUIPMENT	\$0							\$0
FACILITIES	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ASSISTANTSHIPS/FELLOWSHIPS	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
LIBRARY	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ACCREDITATION AND OTHER COSTS	\$500	\$0	\$0	\$0	\$0	\$0	\$0	\$500
TOTAL EXPENSES	\$500	\$0	\$0	\$0	\$0	\$0	\$0	\$500

NEW REVENUES AVAILABLE FOR PROGRAM SUPPORT

	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	TOTAL
REALLOCATIONS	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
EXTERNAL FUNDING	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$7,000
TUITION + FEES	\$22,458	\$58,509	\$49,053	\$30,141	\$59,691	\$73,284	\$66,192	\$359,328
TOTAL REVENUES	\$23,458	\$59,509	\$50,053	\$31,141	\$60,691	\$74,284	\$67,192	\$366,328

ENROLLMENT PROJECTIONS

Note: "New Enrollment Headcount" is defined as unduplicated counts across years.

	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	AVERAGE
FULL-TIME ENROLLMENT HEADCOUNT	No data reporting	11	12	13	14	14	15	13.17
PART-TIME ENROLLMENT HEADCOUNT		1	1	2	2	3	4	2.17
TOTAL ENROLLMENT HEADCOUNT		12	13	15	16	17	19	15.33
NEW ENROLLMENT HEADCOUNT		8	7	9	10	11	12	9.50
Validation of Enrollment			YES	YES	YES	YES	YES	

DEGREE COMPLETION PROJECTIONS

Note: Do not count Lead "0"s and Lead 0 years in computing the average annual degree completions.

	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	AVERAGE
DEGREE COMPLETION PROJECTIONS	No data reporting	6	7	8	7	9	8	7.50



JIMMY H. BAKER
Chancellor

Appendix A Letters of Support

[Back to Application](#)



February 20, 2023

Dr. Joe Whitmore
President
Snead State Community College
P.O. Box 734
Boaz, AL 35957

Re: HVAC/R

Dr. Whitmore:

There is a greater need for skilled employees in our workforce in this county. We are excited to see that Snead State Community College has proposed a new program in Heating Ventilation and Air Conditioning and Refrigeration. This is vital to all business and industry sectors of Marshall County.

HVAC/R is a skill that has been growing in demand over the last several years. Your proposal of a new career path in HVAC will help support the daily efforts in maintaining a strong supply line and quality work/home environment.

Our industry relies on local community colleges to supply a highly trained workforce. For this reason, Marshall County Home Builder Association fully supports the addition of an HVAC/R program that will be offered at the new Snead State Workforce Skills Training Center.

Sincerely,

A handwritten signature in black ink that reads 'Nancy Whitaker'.

Nancy Whitaker
Executive Officer



JIMMY H. BAKER
Chancellor

ROBERT B. ADERHOLT
4TH DISTRICT, ALABAMA

266 CANNON HOB
WASHINGTON, DC 20515
TELEPHONE: (202) 225-4876

WEB PAGE: www.house.gov/aderholt



U.S. House of Representatives
Washington, DC

February 17, 2023

COMMITTEE ON APPROPRIATIONS

CHAIRMAN,
LABOR, HEALTH AND HUMAN SERVICES,
EDUCATION
DEFENSE
COMMERCE, JUSTICE, SCIENCE

Dr. Joe Whitmore
President- Snead State Community College
PO Box 734
Boaz, AL 35957-0734

Dear Dr. Whitmore:

As a Member of Congress representing the 4th Congressional District of Alabama , I understand that the strengthening of the local workforce is vital to the success of business and industry. I am excited to hear that Snead State Community College is pursuing the addition of a new technical training program. HVAC/Refrigeration is a skill that is much needed in our local industry. Your proposal of a new career path in machining will be instrumental in advancing the skills of the workforce in our community and in the Northeast region of Alabama.

I commend the efforts of Snead State in offering a HVAC/refrigeration program that will support our changing industry . I understand the purpose and goals of our local community college and support any effort to enhance the skilled workforce for Alabama industries.

Thank you very much for your time and consideration on this very important request for a Machine Tooling program to be added to Snead States every growing workforce curriculum. Once a final decision has been made, I would like to be notified.

Sincerely,

Robert B. Aderholt
Member of Congress



JIMMY H. BAKER
Chancellor

Appendix B Survey Results

Click on the image to view results of the document.

[Back to Application](#)



Snead State New Program Survey

Snead State New Program Survey

Snead State Community College is planning to create two new career technical education programs. These programs are Machine Tool Technology and Heating Ventilation and Air Conditioning and Refrigeration.

Machine tool technology is skill for handling or machining metal or other rigid materials, usually by cutting, boring, grinding, shearing, or other forms of deformation. Machine tools employ some sort of tool that does the cutting or shaping. Computer Numerical Control (CNC) also is sort of machine tool and is a method for automating control of machine tools through the use of software embedded in a microcomputer attached to the tool.

Heating, ventilation, and air conditioning and refrigeration is the use of various technologies to control the temperature, humidity, and purity of the air in an enclosed space. Its goal is to provide thermal comfort and acceptable indoor air quality.

Please take the time to answer this two question survey for new career programs at Snead State Community College. Your input is greatly appreciated!



JIMMY H. BAKER
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Lightcast Occupation Overview

Heating, Air Conditioning, and Refrigeration Mechanics and Installers in 17 Counties

Lightcast Q1 2023 Data Set | lightcast.io



JIMMY H. BAKER
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Appendix C
Emsi Lightcast Results

[Back to Application](#)

