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New Program Proposal

The following must be submitted to complete a new program request:

Submission Checklist:

☐ Business Plan (https://www.ache.edu/index.php/forms/)

☐ Undergraduate or Graduate Curriculum Plan (https://www.ache.edu/index.php/forms/)

Primary Contact Information

Institution: Jefferson State Community College

Contact: Danielle Coburn

Title: Vice President of Academic Affairs

Email: dcoburn@jeffersonstate.edu

Telephone: 205-856-7759

Program Information

Date of Proposal Submission: 7/31/2025

Award Level: Associate's Degree

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

Field of Study/Program Title: Diagnostic Medical Sonography

CIP Code (6-digit): 51.0910

Administration of the Program

Name of Dean: Vanessa LeBlanc, Associate Dean of Health-Related Programs

Name of College/School: Jefferson State Community College

Name of Chairperson:

Name of Department/Division:

Implementation Information

Proposed Program Implementation Date: 8/17/2026

Anticipated Date of Approval from Institutional Governing Board: 12/10/2025

Anticipated Date of ACHE Meeting to Vote on Proposal: 12/12/2025

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

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

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I. Program Description

A. Concise Program Summary (one paragraph) to be included in ACHE Agenda:

The proposed program will train individuals, under the guidance of physicians, to use medical ultrasound techniques for collecting sonographic data to help diagnose various conditions and diseases. The curriculum will cover obtaining, reviewing, and integrating patient histories and data; patient education and care; recording anatomical, physiological, and pathological information; processing sonographic data; operating ultrasound equipment; and adhering to professional standards and ethics.

B. Specific Rationale (Strengths) for the Program

List three (3) to five (5) strengths of the proposed program as specific rationale for recommending approval of this proposal.

- There is a growing need for diagnostic medical sonographers in healthcare settings, driven by the increasing use of ultrasound technology for diagnostic purposes, as well as an aging population. This makes the program highly relevant and promising for job placement.
- 2. The program includes hands-on training with modern ultrasound equipment and access to real-world clinical settings. This clinical experience enhances students' learning and prepares them to enter the workforce with confidence.
- 3. Graduates of a Diagnostic Medical Sonography program can find employment in hospitals, outpatient centers, physician offices, and other healthcare facilities. The ability to specialize in areas such as obstetric or vascular sonography also expands career options.

C. External Support (Recommended)

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. UAB Medicine
- 2. Baptist Health
- 3. Hospitalist Services of Alabama

D. Student Learning Outcomes

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

- 1. The student will communicate effectively, orally, written, electronically and non-verbally with patients and the multi-disciplinary team.
- 2. The student will demonstrate professional, ethical, and culturally aware behavior.

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- 3. The student will perform appropriate sonographic procedures for interpretation by a healthcare provider.
- 4. The student will record, analyze, and process diagnostic data and other pertinent observations made during the procedure for presentation to the interpreting healthcare provider.
- 5. The student will demonstrate the importance of performance, safety, and output measurements and standards.

E. 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		
51.0901	AAS Diagnostic Medical Sonography	Gadsden State	To meet the needs of the healthcare industry in the four counties that the college serves.		
51.0901	AAS Diagnostic Medical Sonography	Lawson State	To meet the needs of the healthcare industry in the four counties that the college serves.		
51.0901	AAS Diagnostic Medical Sonography	Lurleen B Wallace	To meet the needs of the healthcare industry in the four counties that the college serves.		
51.0901	AAS Diagnostic Medical Sonography	Northwest Shoals	To meet the needs of the healthcare industry in the four counties that the college serves.		
51.0901	AAS Diagnostic Medical Sonography	Trenholm State	To meet the needs of the healthcare industry in the four counties that the college serves.		
51.0901	AAS Diagnostic Medical Sonography	Wallace State	To meet the needs of the healthcare industry in the four counties that the college serves.		

F. Relationship to Existing Programs within the Institution

Nearly all new programs have some relationship to existing offerings through shared courses, faculty, facilities, etc. Is the proposed program associated with any existing offerings within the institution, including options within current degree programs? **Yes** \square **No** \boxtimes

If **yes**, please describe these relationships including whether or not the program will replace or compete with existing offerings: (**Note:** 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.)

If **not**, please describe how the institution plans to support a program unrelated to existing offerings. The College has a long history of offering health-related programs. We currently offer nine health-related programs, excluding the nursing program. The Associate Dean of



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G Collaboration

Health-Related Programs will oversee the DMS Program Coordinator, and she currently provides supervision of all our health-related programs excluding nursing. She is the former program coordinator of our PTA program and is responsible for ensuring that our healthcare programs attain and sustain accreditation. Of the nine programs she oversees, eight of them maintain outside accreditation. Our EMS program is accredited by CAAHEP which is the same accreditor for the DMS program. The EMS program went through their accreditation visit in February of this year without any issues. The College believes that it can support this program and attain accreditation for it.

•	
	Have any collaborations within your institution (i.e., research centers, across academic divisions, etc.) been explored? Yes \square No \boxtimes
	If yes , provide a brief explanation of the proposed collaboration plan(s) for the program:

Have collaborations with **other institutions or external entities** (i.e., local business, industries, etc.) been explored? Yes \square No \boxtimes

If **yes**, provide a brief explanation of the proposed collaboration plan(s) for the program:

H. Programmatic Accreditation

Select the appropriate program accreditor from the drop-down menu below:

Commission on Accreditation of Allied Health Education Programs (CAAHEP)

Provide a detailed timeline for gaining accreditation (i.e., when will full candidacy be reached?): The timeframe of the accreditation process is twelve to fourteen months.

I. Professional Licensure

Will the program be considered a Professional Licensure Program based on the following definition: Yes □ No ☒

Professional Licensure Program: As defined in federal regulations, an instructional program that is designed to meet educational requirements for a specific professional license or certification that is required for employment in an occupation or is advertised as meeting such requirements.

If yes, please explain:

Select the appropriate licensure body from the table below:

Choose an item.

Select the appropriate license from the table below:

Choose an item.



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J				l Certi	
v			. O i i a		

Will students earn industry certifications while completing the degree or be prepared for industry certifications upon graduation? Yes \boxtimes No \square

If **yes**, please explain:

Students will be able to sit for the American Registry for Diagnostic Medical Sonography exam upon graduation from the program.

K. Admissions

Provide any additional admissions requirements beyond the institution's standard admissions process/policies for this degree level. Include prerequisites, prior degrees earned, etc.

A minimum of 19 ACT composite score (National or Residual) or have earned a bachelor's degree is required for admission consideration. A minimum GPA of 2.5 or greater on a 4.0 scale with a grade of "C" or better on all general required pre-sonography courses. Math/Sciences courses (MTH 100, BIO 201, and physics) must be completed within seven years of the date of expected entry into the DMS program. Documented evidence of a minimum of four (4) hours of observation in an ultrasound department with a registered sonographer is required. Students must meet the essential functions and technical standards required for the program.

L. Mode of Delivery

Provide the planned delivery format(s) of the program as defined in policy (i.e., in-person, online, hybrid). Please also note whether any program requirements can be completed through competency-based assessment.

The planned delivery of the program will include traditional in-person lectures for didactic courses and in-person laboratory session for hands-on skills training. Lastly, the program will provide real-word experiences through clinical experiences.

Can students complete the entire degree program through distance education (100% online) based on the following definition? Yes □ No ☒

Distance Education: An academic program for which required instructional activities can be completed entirely through distance education modalities. A distance education program may have in-person requirements that are non-instructional (e.g., orientation, practicum).

M. Instructional Site(s)

Provide the planned location(s) where the program will be delivered (i.e., main campus, satellite campus, off-campus site.) If the program will be offered at an off-campus site, provide the existing site name or submit an *Off-Campus Site Request* if new.

Will more than 50% of this program be offered at an off-campus site(s)	Yes □	No ⊠
If yes , which sites?		



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N. Industry Need

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.

SOC 1 (required): 29-2032.00

SOC 2 (optional): 29-2031.00

SOC 3 (optional):

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

According to Alabama's Statewide and Regional lists of In-Demand occupations, healthcare and technical roles including diagnostic medical sonographers are experiencing rapid growth due to an aging population, advancements in medical technology, and the expansion of healthcare services needed across the state. The diagnostic medical sonography program will fulfill the need in Alabama by increasing the number of healthcare professionals who are trained in non-invasive diagnostic imaging techniques. By aligning with these in-demand occupation lists, the program helps bridge the gap between the supply of qualified sonographers and the healthcare industry's growing need. Additionally, this program offers graduates opportunities for stable, well-paying jobs, that contribute to the economic development of the state's healthcare needs.

O. Additional Education/Training

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

Graduates are not required to have additional education/training to gain entry-level employment.

P. Student Demand

Please explain how you projected the student enrollment numbers in the **Business Plan, Lines 24-27** and provide evidence to substantiate student demand (i.e., surveys, enrollments in related courses, etc.).

Jefferson State Community College launched an interest survey during the Spring 2025 semester. The survey was sent to all currently enrolled Pre-Allied Health majors at the college. Out of 1324 students 97 responded (7.3%). Of the students who responded, 90.7% reported to be interested or very interested in Diagnostic Medical Sonography. When asked if Jefferson State were to offer a program how interested that student would be in enrolling, 89.7% reported being interested or very interested. The College feels that this is sufficient student interest to pursue opening a program in Diagnostic Medical Sonography especially based on the number of students in each cohort.



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II. Program Resources and Expenses

A. All Proposed Program Personnel

Provide all personnel counts for the proposed program.

Emplo	yment Status	Perso	nnel Informati	on
of Program Personnel		Count from Proposed Program Department	Count from Other Departments	Subtotal of Personnel
	Full-Time Faculty			
ent	Part-Time Faculty			
Current	Administration		1	1
J	Support Staff		1	1
þ	Full-Time Faculty	2		2
**New Be Hired	Part-Time Faculty			0
**Ne To Be	Administration			0
10	Support Staff			
		Personne	l Total	4

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:

Jefferson State Community College will employ two full-time faculty members to support the proposed Diagnostic Medical Sonography (DMS) program. This staffing structure will provide a 1:10 faculty-to-student ratio for the initial cohort of twenty students. Such a low ratio is essential in sonography education due to the hands-on, competency-based nature of the curriculum and the critical need for close supervision during laboratory instruction.

In addition to direct instruction, this faculty size will allow time for effective program oversight, academic advising, and the integration of evidence-based instructional practices. This approach reflects the institution's commitment to maintaining high standards of educational quality, student support, and program integrity.

Per accreditation standards, the program must have a medical advisor to provide guidance that the medical components of the didactic and clinical curriculum meet current acceptable performance standards. The medical advisor must be a licensed physician, certified by the American Board of Medical Specialties (ABMS), with relevant experience and knowledge in diagnostic medical sonography.

Note: Include **any new funds** designated for compensation costs (faculty, administration, and/or support staff to be hired) in the **Business Plan**, **Line 7 - Personnel Salaries and Benefits**. Current personnel salary/benefits **should not be included** in the Business Plan.



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B. Proposed Faculty Roster*

Complete the following **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	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)					
NA								
Additional Faci	ulty (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)					



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Current Faculty	y		
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 Program Director	DMS 202 Foundations of Sonography 3 credit hours (UN) DMS 204 Sectional Anatomy 2 credit hours (UN) DMS 205 Abdominal Sonography 4 credit hours (UN) DMS 206 Gynecologic Sonography 4 credit hours (UN) DMS 207 Abdominal Pathology 3 credit hours (UN) DMS 216: Sonographic Principles & Instrumentation 3 credit hours (UN) DMS 220 Obstetrical Sonography I 3 credit hours (UN) DMS 221 Obstetrical Sonography II 3 credit hours (UN) DMS 221 Obstetrical Sonography II 3 credit hours (UN) DMS 225 Superficial Sonography 1 credit hour (UN) DMS 229 Sonography Preceptorship I 2 credit hours (UN) DMS 230 Sonography Preceptorship II 3 credit hours (UN) DMS 231 Sonography Preceptorship III 4 credit hours (UN) DMS 232: Sonography Preceptorship IV 5 credit hours (UN) DMS 233: Sonography Lab I 1 credit hour (UN) DMS 233: Sonography Principles and Instrumentation Seminar 2 credit hours (UN) DMS 240: Sonography Seminar 3 credit hours (UN) DMS 241: Abdominal and Ob/Gyn Sonography Seminar 3 credit hours (UN) DMS 260: Intro to Vascular Sonography 3 credit hours (UN) DMS 261: Vascular Sonography Techniques 3 credit hours (UN)	Possess a minimum of a Baccalaureate degree	Possess the appropriate credential(s) specific to one or more of the concentrations offered. Have documented experience in supervision, instruction, evaluation, student guidance and in educational theories and techniques. Have a minimum of two years of clinical experience as a registered sonographer in the professional sonography field.



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Current Faculty	y		
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 Clinical Coordinator	DMS 202 Foundations of Sonography 3 credit hours (UN) DMS 204 Sectional Anatomy 2 credit hours (UN) DMS 205 Abdominal Sonography 4 credit hours (UN) DMS 206 Gynecologic Sonography 4 credit hours (UN) DMS 207 Abdominal Pathology 3 credit hours (UN) DMS 216: Sonographic Principles & Instrumentation 3 credit hours (UN) DMS 220 Obstetrical Sonography I 3 credit hours (UN) DMS 221 Obstetrical Sonography II 3 credit hours (UN) DMS 225 Superficial Sonography 1 credit hour (UN) DMS 229 Sonography Preceptorship I 2 credit hours (UN) DMS 230 Sonography Preceptorship II 3 credit hours (UN) DMS 231 Sonography Preceptorship III 4 credit hours (UN) DMS 232: Sonography Preceptorship IV 5 credit hours (UN) DMS 233: Sonography Preceptorship IV 5 credit hours (UN) DMS 233: Sonography Principles and Instrumentation Seminar 2 credit hours (UN) DMS 240: Sonography Principles and Instrumentation Seminar 2 credit hours (UN) DMS 241: Abdominal and Ob/Gyn Sonography Seminar3 credit hours (UN) DMS 260: Intro to Vascular Sonography 3 credit hours (UN) DMS 261: Vascular Sonography Techniques 3 credit hours (UN)	Possess an academic degree no lower than an associate degree and at least equal to that for which the graduates are being prepared	Possess the appropriate credential(s) specific to the concentration(s) that s/he Coordinates. Have documented experience in supervision, instruction, evaluation, student guidance and in educational theories and techniques. Have a minimum of two years of clinical experience as a registered sonographer in the professional sonography field.

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



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C.		ent	

Will any special equipment be needed specifically for this program? Yes ⊠ No □

If **yes**, list the special equipment and include all special equipment costs in the **Business Plan, Line 8**:

EPIQ Elite Diagnostic Ultrasound Systems
Transvaginal probe
Transvaginal Ultrasound Training Model
FAST Training Models
Regular Tables
OBGYN Tables
Sonography Chair
Lab chairs

D. Facilities

Will new facilities or renovations to existing infrastructure be required specifically for the program? Yes ☒ No ☐

If **yes**, describe the new facilities or renovations and include all **new** facilities and/or **renovation** costs in the **Business Plan**, **Line 9**:

Renovations to an existing space will include the following: Install flooring for 24' by 36' room Demo Interior wall Replace existing flooring Paint room

Paint ceiling grids Replace Ceiling tiles

Add 6 electrical outlets

Paint doors and trim

E. Assistantships/Fellowships

viii tile ilistitution onei anv assistantsilips specifically loi tilis brodiani: i es 🗀 🕦	the institution offer any assistantships speci-	ically for this program? Yes	s □ No 🏻
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If **yes**, provide the number of assistantships to be offered and include all **new** costs for assistantships in the **Business Plan**, **Line 10**.

Explain the function of the Assistantships (i.e., teaching, research, etc.)?:

F. Library

Will any additional library resources be purchased to support the program? Yes ⊠ No □

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If **yes**, briefly describe new resources to be purchased and include the cost of new library resources in the **Business Plan**, **Line 11**:

While the collection is strong in general health sciences, it currently lacks journals specifically focused on diagnostic medical sonography. To address this deficiency, the library will acquire access to key sonography-related journals and databases. Additional content would include the following:

- Journal of Clinical Ultrasound [ISSN 0091-2751]
- Journal of Diagnostic Medical Sonography [ISSN 8756-4793]
- Journal of Ultrasound [ISSN 1876-7931]
- Sonography [ISSN 2054-6750]
- *Ultrasound in Obstetrics and Gynecology* [ISSN 0960-7692] The estimated costs of obtaining these resources is \$4,100.00

G. Accreditation Expenses

If programmatic accreditation was indicated above, please include all accreditation costs in the **Business Plan, Line 12** and itemize and explain below:

The Joint Review Committee on Education in Diagnostic Medical Sonography (JRCDMS) self-study fee is \$1,400.00. The annual fee is \$2,000.00 for three or more concentrations.

H. Other Costs

Please include all other costs incurred with program implementation, such as marketing or recruitment, in the *Business Plan, Line 13* and explain below:

III. Program Revenue and Funding

A. Tuition Revenue: Please describe how you calculated the tuition revenue that appears in the Business Plan, Line 17. Specifically, did you calculate using cost per credit hour or per term? Did you factor in differences between resident and non-resident tuition rates? Note: Tuition Revenue should be proportional to total enrollment.

The calculation was made using the required credit hours of the program. The College only used resident tuition rates to make the calculation. If there are non-resident students, the revenue would increase.

B. External Funding: Will the proposed program require external funding (*e.g.*, Perkins, Foundation, Federal Grants, Sponsored Research, etc.)? **Yes** ⊠ **No** □

If **yes**, please include all external funding in the **Business Plan**, **Line 18** and explain specific sources and funding below:



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While the College could financially afford to support the equipment for this program, it will pursue outside funding to defray the costs of the equipment. It will pursue equipment funding through Perkins, ACCS Workforce Development Grant, and a grant through the ARC.

C.	Reallocations	s: For each year will tuition revenue and/or external funding cover projected
	expenses?	Yes ⊠ No □

If **not**, budget reallocation may be required. Please include all reallocations in the **Business Plan, Line 19** and describe below how your institution will cover any shortfalls in any given year.

Over the past number of years, the College has realized a surplus. Therefore, the College believes that we have sufficient resources to meet the needs of the program.

NEW ACADEMIC DEGREE PROGRAM PROPOSAL SUMMARY

INSTITUTION: Jefferson State Community College

PROGRAM: Diagnostic Medical Sonography Select Level: Associate

	ESTIMATED *NEW* EXPENSES TO IMPLEMENT PROPOSED PROGRAM							
	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	TOTAL
FACULTY	170741	175156	177012	181498	183428	187991	189999	1265825
STAFF	36000	36000	36000	36000	36000	36000	36000	252000
EQUIPMENT	1070940	0	0	0	0	0	0	1070940
FACILITIES	19200	0	0	0	0	0	0	19200
LIBRARY	0	0	0	0	0	0	0	0
ASSISTANTSHIPS	2384	2384	2384	2384	2384	2384	2384	16688
OTHER	9400	2000	2000	2000	2000	2000	2000	21400
TOTAL	1308665	215540	217396	221882	223812	228375	230383	2646053
		NEW	REVENUES AVA	ILABLE FOR PR	OGRAM SUPPO	RT		
	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	TOTAL
REALLOCATIONS		208676	208676	208676	208676	208676	208676	1252056
EXTRAMURAL	1309147							1309147
TUITION		141360	195520	197600	199680	201760	203840	1139760
TOTAL	1309147	350036	404196	406276	408356	410436	412516	3700963
				MENT PROJECT				
	Note	: "New Enrollme	ent Headcount"	is defined as un	duplicated coun	ts across years.		
	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	AVERAGE
FULL-TIME HEADCOUNT	Year 1 - No data reporting required	40	40	40	40	40	40	40
PART-TIME HEADCOUNT	Year 1 - No data reporting required	0	0	0	0	0	0	0
TOTAL HEADCOUNT	Year 1 - No data reporting required	40	40	40	40	40	40	40
NEW ENROLLMENT HEADCOUNT	Year 1 - No data reporting required	20	20	20	20	20	20	20
			DEGREE COM	IPLETION PROJ	ECTIONS			
	Note: Do not	count Lead "0"s	and Lead 0 yea	rs in computing	the average and	nual degree com	pletions.	
	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	AVERAGE
DEGREE COMPLETION PROJECTIONS	Year 1 - No data reporting required	15	15	15	15	15	15	15

Undergraduate Curriculum Plan

Undergraduate Curriculum Checklist:

- Overview
 Components
- 3. Options (as required)

1. Undergraduate Overview

Enter the credit hour value for all applicable components (N/A if not applicable). The credit hours MUST match the credit hours in the Curriculum Components table.

Curriculum Overview of Proposed Program				
Credit hours required in General Education	23			
Credit hours required in Program Courses & Required Electives	52			
Credit hours in Program Options (concentrations/specializations/tracks)	0			
Credit hours in Free Electives	0			
Credit hours in required Capstone/Internship/Practicum	0			
Total Credit Hours Required for Completion:	75			
Maximum number of credits that can be transferred in from another institution and applied to the program:	23			
Intended program duration in semesters for full-time students:	4			
Intended program duration in semesters for part-time students:	0			
Does the program require students to demonstrate industry-validated skills, specifically through an embedded industry-recognized certification, structured workbased learning with an enployer partner, or alignment with nationally recognized industry standards?:	YES			
If yes , please explain (i.e., number of hours required, etc.): The program curriculum is designed to meet the Standards and Guidelines established by the Commission on Accreditation of Allied Health Education Programs (CAAHEP) in collaboration with the Joint Review Committee on Education in Diagnostic Medical Sonography (JRCDMS). To achieve this, the program incorporates a structured progression of didactic (lecture), laboratory, and clinical education that aligns with CAAHEP requirements. Students will				
	YES	I		
Does the program inlcude any concentrations/ tracks/ options? If yes , please explain (i.e., define):				

2. Undegraduate Components

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.

	Insert Additional Rows as Needed								
Institution:	Jefferson State Community College								
Program Name:	Diagnostic Medical Sonography								
	UNDERGRADUATE (ASSOCIATE)								
Program Level:									
Curriculum Components of Proposed Program									
Course Number	Course Name	Credit Hours	New? (Y)	WBL?					
General Education C	<u> </u>	23							
ENG 101	English Composition I	3	N	N					
	Humanities/Fine Arts Elective	3	N	N					
BIO 201 or higher- level	BIO 201 or higher-level	4	N	N					
MTH 100 or higher- level	Math	3	N	N					
PHY 115	Technical Physics	4	N	N					
PSY 200	General Psychology	3	N	N					
SPH 106	Fundamentals of Oral Communication	3	N	N					
Program Courses ar	nd Required Electives	52							
DMS 202	Foundations of Sonography	3	Y	N					
DMS 204	Sectional Anatomy	2	Y	N					
DMS 205	Abdominal Sonography	4	Y	N					
DMS 206	Gynecologic Sonography	4	Y	N					
DMS 207	Abdominal Pathology	3	Y	N					
DMS 216	Sonographic Principles & Instrumentation	3	Y	N					
DMS 220	Obstetrical Sonography I	3	Y	N					
DMS 221	Obstetrical Sonography II	3	Y	N					
DMS 225	Superficial Sonography	1	Y	N					
DMS 229	Sonography Preceptorship I	2	Y	Y					
DMS 230	Sonography Preceptorship II	3	Y	Y					
DMS 731	Sonography Precentorshin III	5	Y	Y Y					
DMS 232	Sonography Preceptorship IV	3							
DMS 233 DMS 240	Sonography Dain sinks and Instrumentation Sominar	1	Y Y	N N					
DMS 240	Sonography Principles and Instrumentation Seminar Abdominal and Ob/Gyn Sonography Seminar	3	Y	N N					
DMS 241 DMS 260	Intro to Vascular Sonography	3	Y	N N					
DMS 261	Vascular Sonography Techniques	3	Y	N N					
	nter total credit hours from all options below)	0	Y	IN					
r rogram Options (et		U							
Free Electives		0							
		_							

Capstone/Internship/F	Practicum	0		
	Total Credit Hours Required for Completion:	75		
	3. Undergraduate Options			
-	centrations/ tracks/ options in the following table. Indicat			
	n. If the course includes a required work-based learning	•		as an
internshir	o or practicum course, please indicate with a "Y" in the W Insert Additional Rows and Tables as Needed	/BL colur	nn.	
Option Name:	insert Additional Rows and Tables as Needed			
Option Hamo.				
Course Number		Credit	New?	WBL?
		Hours	(Y)	(Y)
0	ption's Total Credit Hours Required for Completion:			
Option Name:				
		Credit	New?	WDLO
Course Number		Hours	(Y)	WBL?
	Total Option Credit Hours Required for Completion:			
	Total Option Credit Hours Required for Completion.			
Option Name:				
Course Number		Credit	New?	WBL?
Course Number		Hours	(Y)	(Y)
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Total Option Credit Hours Required for Completion:



June 24, 2025

To Whom It May Concern:

I am writing to express my strong support for the development of a vascular ultrasound training program at Jefferson State Community College. There is a significant and growing demand for well-trained, credentialed vascular sonographers throughout the state of Alabama. Unfortunately, the current number of educational programs specializing in vascular sonography is insufficient to meet the needs of healthcare providers across our state.

As cardiovascular care continues to expand in complexity and volume, the need for sonographers with a strong foundation in vascular anatomy, pathophysiology, and imaging principles has never been greater. The increasing demand for high-quality vascular imaging services requires a workforce equipped with both rigorous academic preparation and practical clinical experience.

At present, Alabama lacks an adequate number of programs accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP) with a specific focus on vascular ultrasound. This shortage directly impacts hospitals, academic medical centers, and outpatient practices that depend on a reliable pipeline of qualified professionals. For example, the University of Alabama at Birmingham and its affiliated institutions routinely face challenges in recruiting credentialed vascular sonographers, often extending searches beyond state lines to fill critical roles.

There is a clear educational gap and workforce opportunity that Jefferson State Community College is well-positioned to address. I am pleased to offer my full support for the College's efforts to establish a Diagnostic Medical Sonography program with a concentration in vascular ultrasound. This initiative represents a vital step forward in strengthening the healthcare workforce and improving access to high-quality vascular imaging services in Alabama.

Please feel free to contact me directly should you wish to discuss this further.

Sincerely,

Oscar Julian Booker, MD MBA
Associate Professor, Division of Cardiology
Program Director, Cardiovascular Imaging
obooker@uabmc.edu
205-504-7939

Jeff McGough

Senior Director of Imaging Services

UAB Medicine

November 15, 2024

To Whom It May Concern,

I am writing this letter to express my strong support for the establishment of the Diagnostic Medical Sonography program at Jefferson State Community College. With the Bureau of Labor Statistics projecting a 10% growth rate in the field over the next decade, this program is essential to addressing the increasing demand for skilled sonographers across the state of Alabama.

As an imaging leader with many years of experience, I have witnessed firsthand the critical role sonographers play in delivering high-quality patient care. Unfortunately, staffing shortages in this field have often impeded healthcare providers' ability to meet patient needs effectively. Establishing this program at Jefferson State will be an important step toward mitigating these challenges by cultivating a pipeline of well-trained and competent professionals.

Jefferson State's radiographic program has a long-standing reputation for producing highly skilled graduates who excel in their roles. I am confident that the institution's proven track record, dedicated faculty, and commitment to excellence will ensure the Diagnostic Medical Sonography program is equally successful. Graduates of this program will undoubtedly be well-prepared to contribute to the field and enhance healthcare outcomes in our communities.

Thank you for considering this initiative, which will not only benefit Jefferson State but also support the healthcare needs of the state of Alabama. I wholeheartedly recommend and support the development of this program and look forward to its positive impact on the medical imaging field.

Sincerely,

Jeff McGough MSHA, CRA

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Princeton Baptist Medical Center

November 11, 2024

To Whom It May Concern,

Subject: Support for Diagnostic Medical Sonography Program at Jefferson State Community College

On behalf of Princeton Hospital, I am pleased to extend our enthusiastic support for the launch of a Diagnostic Medical Sonography (DMS) program at Jefferson State Community College. We recognize the critical role that diagnostic sonographers play in modern healthcare, and we are encouraged by the institution's efforts to address the growing demand for highly skilled professionals in this field.

We believe that a well-structured, comprehensive DMS program at Jefferson State Community College will offer students a solid foundation in both didactic and clinical training, aligning with industry standards and ultimately ensuring a high level of care for our patients. In support of this initiative, Princeton Hospital is prepared to collaborate on various aspects, including:

- 1. Clinical Training Opportunities: We are willing to partner with your college to provide supervised clinical training rotations for students, giving them hands-on experience in a real-world setting.
- 2. Curriculum Advisory: We can provide guidance in curriculum development to ensure the program meets industry standards and prepares students for certification and employment.
- 3. **Employment Pathways**: Upon successful completion of the program, we would be delighted to consider graduates for employment at Princeton Hospital, recognizing the value of hiring individuals who have trained locally and understand the needs of our community.

Princeton Hospital is committed to fostering education and professional growth within our community, and we believe that this partnership with Jefferson State Community College will bring long-term benefits to the healthcare workforce in our region. We are confident that your diagnostic medical sonography program will produce well-qualified graduates ready to meet the evolving needs of the healthcare industry.

Please feel free to contact us if we can provide further assistance as you move forward with this initiative. We look forward to a collaborative and successful partnership.

Sincerely,

Lavon Beard, PT, FACHE

Associate Chief Operating Officer Princeton Baptist Medical Center

Lavon.Beard@OrlandoHealth.com



Exciting future for healthcare

From Hester, Felix <felix.hester@orlandohealth.com>

Date Wed 3/12/2025 12:27 PM

To Vanessa E LeBlanc <vleblanc@jeffersonstate.edu>

EXTERNAL: Do not open links or attachments unless you know the sender and the content are safe.

Hello Dr. LeBlanc,

It was a pleasure meeting you and I hope this letter finds you well. I am writing this letter to express my strong support of an ultrasound program at Jefferson State Community College. I am pleased and excited for the future of the ultrasound community in the Birmingham area as well as the southeast.

In my 30-year career as a sonographer and sonographer radiologist assistant, I have seen such advances in ultrasound technology and eagerly await new and exciting diagnostic tools that this field holds. This underscores the importance of solid education and fundamentals for our future sonographers and healthcare workers. It has been my experience with the radiologic technology and nursing programs at Jefferson State, I know that future students in the ultrasound program will be in very good hands.

I firmly believe that an ultrasound program at Jefferson state Community College would greatly benefit from the established STEM education which would smoothly integrate into the ultrasound curriculum.

In conclusion, whole heartedly support the development of an ultrasound program at Jefferson State Community College and urge you to consider the immense value it could provide to our students and to <u>future patients</u>. Thank you for your time and consideration. I'm happy to assist further in any way to help make this vision a reality.

Sincerely, Felix Hester BS, RDMS, RVT

Felix A. Hester BS, RDMS, RVT Sonographer Baptist Health, Princeton Hospital (205) 783-3020





January 23, 2025

To Whom It May Concern:

Subject: Support for the Diagnostic Medical Sonography Program at Jefferson State Community College

I am writing to express my unwavering support for Jefferson State Community College's initiative to establish a Diagnostic Medical Sonography (DMS) program. As a physician in Birmingham, Alabama, with 15 years of experience in Hospital Medicine, I have personally witnessed the indispensable role that skilled diagnostic sonographers play in accurately diagnosing and treating various medical conditions. This program would be a valuable addition to our community, addressing the critical shortage of qualified sonographers and enhancing access to essential diagnostic services.

The growing demand for diagnostic imaging professionals underscores the significance of investing in quality, locally-based education in this field. A DMS program at Jefferson State Community College would not only benefit our healthcare infrastructure by training new professionals but also empower students to pursue fulfilling careers in a high-demand area without the need for relocation for specialized training, fortifying the region's healthcare resources for years to come.

In support of this endeavor, I am committed to contributing in various ways:

- 1. Educational Support: I am eager to share my expertise through guest lectures, workshops, or seminars, offering students a physician's perspective on the vital role of diagnostic imaging in patient care.
- 2. Curriculum Development: If requested, I am more than willing to assist in developing a curriculum that aligns with clinical best practices, ensuring students are well-prepared to meet industry standards and provide exceptional care.
- 3. Mentorship: I am open to mentoring students interested in diagnostic medical sonography, providing guidance and insights to help them achieve success in their chosen field.

Jefferson State Community College's DMS program will make a significant difference by equipping students with essential imaging expertise, supporting timely and accurate diagnoses, and contributing to the long-term health and vitality of our community. I eagerly anticipate witnessing the positive impact this program will have on our community.

Sincerely,

Marcus H. Bell, MD

Vice President / Medical Director Hospitalist Services of Alabama

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