

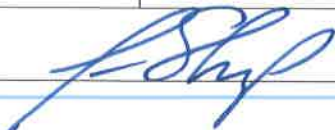
New Program Request Form

CA1

General Information

Institution submitting proposal	Labette Community College
Name, title, phone, and email of person submitting the application <i>(contact person for the approval process)</i>	Ross Harper, Interim Dean of CTE & Workforce, (620) 820-1278. rossharper@labette.edu
Identify the person responsible for oversight of the proposed program	Brian Vediz, Diagnostic Medical Sonography Program Director, (620) 820-1181
Title of proposed program	Diagnostic Medical Sonography
Method of program delivery (face to face, online, hybrid)	Hybrid
Proposed suggested Classification of Instructional Program (CIP) Code	51.0910 Diagnostic Medical Sonography/Sonographer and Ultrasound Technician
CIP code description (from nces.ed.gov/ipeds)	A program that prepares individuals, under the supervision of physicians, to utilize medical ultrasound techniques to gather sonographic data used to diagnose a variety of conditions and diseases. Includes instruction in obtaining, reviewing, and integrating patient histories and data; patient instruction and care; anatomic, physiologic and pathologic data recording; sonographic data processing; sonography equipment operation; and professional standards and ethics.
Standard Occupation Code (SOC) associated to the proposed CIP code	29-2032 Diagnostic Medical Sonographers
SOC description (from onetonline.org)	Plan, direct, or coordinate activities in such fields as electronic data processing, information systems, systems analysis, and computer programming.
Number of credits for the degree <u>and</u> all certificates requested	A.A.S. degree – 60 credit hours
Proposed Date of Initiation	AY24 (Spring 2024)
Specialty program accrediting agency	American Registry for Diagnostic Medical Sonography
Industry-recognized certification(s) to be earned by students	Registered Diagnostic Medical Sonographer

Signature of College Official



Date

9/11/23

Signature of KBOR Official

Date

Narrative

Completely address each one of the following items for new program requests. Provide any pertinent supporting documents in the form of appendices, (i.e., minutes of meetings, industry support letters, CA-1a form).

Institutions requesting subordinate credentials need only submit the following sections:

1) General Information, 2) Program Rationale, 3) Complete catalog descriptions (including program objectives) for the proposed program, 4) List by prefix, number, title, and description all courses (including prerequisites) to be required or elective in the proposed program, 5) List any pertinent program accreditation available (rationale for seeking or not seeking accreditation and plan to achieve accreditation), and 6) Program Approval at the Institution Level.

Program Rationale

- Provide an overall explanation and background surrounding the development of the proposed program. Include why the program is needed, where the idea to offer the program came from (including the requesting entity), number of projected enrollments, and who was involved in the development of the program.
 - Labette Community College currently offers a Diagnostic Medical Sonography technical certificate in General and Vascular concentrations. The U.S. Department of Education's (DOE) regulations regarding certificates does not allow for our certificates to be fully financial aid eligible because they do not lead to an associate degree. In order to better serve our students, Labette Community College is implementing an AAS degree in Diagnostic Medical Sonography to help students financially cover the cost of the program. Under the direction of the DOE, the development of the AAS came from collaboration with the Sonography Program Director, Dean of Instruction, and Dean of Enrollment Management as well as conversations with the Vice President of Academic Affairs. This occupation is a High Demand, High Wage occupation and the demand in Kansas is clearly not yet being met. Additionally, (2021 and 2022 K-TIP shows) Labette's graduates/ graduates exited/ and graduates employed is 100% for 2021 and 2022, adding this AAS degree will help to graduate more students from the program with a projected enrollment amount of 16-20 per cohort.
- If the recommended program is duplicative of other programs in the area, please specifically address why the new, additional program is necessary.
 - Labette Community College has offered a Diagnostic Medical Sonography program for well over a decade. Neosho Community College just recently requested to add a program; however, Labette Community College was advised they would only be offering the program at their Ottawa location and would not be in the area of Labette. Neosho's program is operated differently than Labette's program and as such we do not believe there is a duplication of programs in the area.
 - Currently there are 3 Diagnostic Medical Sonography programs in the state. Programs are located at Labette Community College (Cert B focusing on Vascular and Cert C focusing on General Sonography), Neosho County Community College (AAS), and Washburn University (Cert B). Adding an AAS option for students is not truly duplicating programs. The Kansas Department of Labor's Long-term Occupation Projections 2020 to 2030, annual openings equate to 66 positions. According to the 2022 K-TIP report, as a system, 5 students completed a Sonography

program and was employed. This data shows the state occupational demands exceed the number of current graduates.

In the fall of 2022, Neosho County Community College added an AAS in sonography at their Ottawa Campus. This program has not had a negative impact to our program enrollment. We do not feel the addition of an AAS degree will impact their program.

Program Description and Requirements

- Provide a complete catalog description (including program objectives/outcomes) for the proposed program.
 - Diagnostic Medical Sonographers operate special imaging equipment to create images or conduct tests. The images and test results help physicians assess and diagnose medical conditions. Some technologists assist physicians and surgeons during surgical procedures. Most diagnostic imaging professionals are employed in hospitals while others are employed in healthcare settings such as physician's offices and medical and diagnostic laboratories.
 - Program Objectives:
 - i. Students will be clinically competent. Students will communicate effectively.
 - ii. Students will use critical thinking and problem-solving skills.
 - iii. Students will evaluate the importance of professional growth and development.
 - iv. To prepare competent entry-level general sonographers in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains.
 - v. To prepare competent entry-level vascular technologists in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains.
- Include any work-based learning requirements of the program, such as clinicals, internships, etc. If clinical experience is required, please identify whether sufficient clinical sites are available.
 - Students are required to attend clinical practice hours mandatory by the American Registry for Diagnostic Medical Sonography. The current program is a hybrid program that serves students throughout the country. Students are required to find their clinical site with the help of the program director as well as the clinical coordinator and program navigator. There have been a sufficient number of clinical sites to take our students and collaborate with our program.
- List and describe the admission and graduation requirements for the proposed program.
 - Students interested in the Diagnostic Medical Sonography Program are admitted to Labette Community College on the same basis as other students, but admission to the college does not ensure admission into the Sonography Program. All students applying for the DMS program are required to have an Associate or Bachelor's Degree with a medical component and have completed the following prior to acceptance into the program: Mathematics, Communications or English Composition

I, Anatomy and Physiology, Medical Terminology, and Physics (Physics NOT required for students with a Radiology Degree)

- Graduation requirements: Graduation requirements include 2.0 minimum cumulative GPA as well as all students who have completed or are currently enrolled in must equal 42 credit hours and plan to graduate in the following fall or spring semester must request an official degree check in the Student Affairs Office by completing a “Degree Check Request” form. A “Degree Check Request” should be submitted no later than the end of January prior to spring graduation. Students who wish to graduate in December must submit a Degree Check Request by October 31 and all degree requirements must be completed by the end of the Fall Semester.
- All student who have or will complete all certificate requirements by the end of their currently enrolled semester must request an official certificate check in the Student Affairs Office by completing a “Certificate Check Request” form. A “Certificate Check Request” should be submitted no later than the end of January prior to spring graduation. Students who will complete their certificate in December must submit a Certificate Check Request by October 31 and all certificate requirements must be completed by the end of the Fall Semester.
- All graduating students and certificate earners must have their high school transcript or high school equivalent transcript on file. Transfer students must complete at least 15 credit hours at LCC to graduate with an Associate’s Degree. All official transcripts from other institutions must be on file. Evaluation results of the student’s permanent academic record will be mailed to the student, outlining specific requirements needed for the certificate/degree selected. The response will indicate those requirements completed and those that need to be completed.
- Certificate/Degree candidates must meet graduation requirements found in the catalog of the student’s graduation year or a catalog from any of the three years immediately prior to graduation, provided the student was enrolled during the year selected. When a degree program is discontinued, students have two years to complete the program. Students who have completed the program within this time period will be awarded a degree.
- Students who lack six credit hours or less at the end of the spring semester and plan to complete all course requirements are eligible to apply for and participate in the graduation ceremony. To qualify, students must have a cumulative GPA of at least 2.0 according to grades posted prior to January 31st. Students who wish to be removed from the graduation list must do so by April 1st. After April 1st, the graduation list will contain the names of all students eligible to participate in the graduation ceremony in May despite any changes to their enrollment status.
- All “Degree Check Requests” that have been completed within the previous year are re-evaluated after the certification date in the Spring semester. Students the Registrar has determined as eligible to graduate in May will receive information indicating what they need to do to complete the graduation process. Only students who have successfully completed all degree requirements will have their degree noted on their

transcript. LCC has a commencement ceremony once a year, in May. Students who complete their degree requirements by the end of the Fall semester will have the degree and graduation date noted on their transcripts. These students will be able to participate in the graduation ceremony the following May.

Demand for the Program

- Using the most recent Kansas Department of Labor’s Long Term (10-year) Occupational Outlook, (<https://klic.dol.ks.gov>) identify employment trends and projections for the SOC code identified in the General Information section: annual occupational growth, estimated annual median wages, and typical education level needed for entry.
 - Labor information included should show demand in the occupation for the level of education being proposed for the program.
 - Include additional data for local and regional employer demand if available.
 - For new programs for which state-level labor data is not yet available, additional resources to demonstrate demand for the occupation being trained must be included. Job posting data (cite resource used and date of review) and projected hiring needs for employers (documented in employer letters of support) are examples of additional labor data documentation.
- The Kansas Department of Labor’s 2020 to 2023 Long-term Occupational Projection shows the following for 29-2023 Diagnostic Medical Sonographers:

Kansas								
Long-term Occupational Projections								
2020 to 2030								
Occupational Code	Occupational Title	Employment		Total (1)		Wages (2)		Education and Training (3)
		Base Year 2020	Projected Year 2030	Openings	Openings: Annual	Annual Mean	Annual Median	Typical Education Needed for Entry
29-2032	Diagnostic Medical Sonographers	710	826	656	66	\$77,940	\$77,280	Associate's degree

The Kansas Department of Labor Long-term Occupation Projections 2020-2030 indicate a statewide change of employment for Diagnostic Medical Sonographers (29-2032) of 16.317.79% with an annual median wage of \$77,280 with an associate degree as the typical education needed for entry. Annual openings equate to 64 jobs per year.

- Wages: Annual Mean: \$77,940
- Wages: Annual Median: \$77,280
- Typical Education Needed for Entry Associate’s degree

- Show demand from the local community. Provide letters of support from at least three potential employers in your region, which state the specific type of support they will provide to the proposed program. Examples of program supports may include commitments to interview graduates for job positions, providing scholarships, providing internships or other work-based learning opportunities, donation of equipment/materials, assistance with program design, serving on advisory board, etc.
 - See Attached Appendix 2
- Provide data from the most recent Perkins Comprehensive Local Needs Assessment recommendations, demonstrating the need for the program initiation.

- The local needs assessment that was completed in February of 2022 showed the data below:

- **Diagnostic Medical Sonography**

- Concentrator Count: 13
Short-term SEK Demand: *
- Long-term SEK Annual Demand: *
- Short-term KS Demand: 76
Long-term KS Annual Demand: 49
- *Data not available

The data also showed that in the Secondary Pathways that concentrator count for health science in general was 107 with the demand being 735.

- Describe/explain any business/industry partnerships specific to the proposed program. *If a formal partnership agreement exists, agreement explaining the relationship between partners and documenting support to be provided for the proposed program must be submitted to the Board office independent from the CA1 materials for review purposes. The agreement will not be published or posted during the comment period.*

No formal partnerships exist with this specific program; however, LCC has existing clinical affiliation agreements with dozens of healthcare institutions in Kansas. with this specific program; however, LCC has existing clinical affiliation agreements with dozens of healthcare institutions in Kansas. The students currently attend many clinical sites including Labette Health in Parsons, KS, Via Christi in Pittsburg, KS, Freeman Health in Joplin, MO, as well as several others throughout the four states.

Duplication of Existing Programs

- Identify similar programs in the state based on CIP code, title, and/or content. For each similar program provide the most recent K-TIP data: name of institution, program title, number of declared majors, number of program graduates, number of graduates exiting the system and employed, and annual median wage for graduates existing the system and employed.

CIP Code	Program Name	Institution	Award	Total # Declared Majors	Total # Concentrators	Total # Graduates	Total # Pursuing Additional Education	Total Graduates Exited	Total Graduates Exited & Employed	Average Wage: Graduates Exited & Employed	Median Wage: Graduates Exited & Employed
51.0910	Diagnostic Medical Sonography/Sonographer and Ultrasound Technician	Labette Community College	Cert/AAS	19	14	5	*	5	5	\$39,949	\$48,844
	Diagnostic Medical Sonography	Washburn University			NO K-TIP DATA						
	Medical Diagnostic Imaging	Fort Hays State University			NO K-TIP DATA						
	Diagnostic Ultrasound Technology	University of Kansas Medical Center			NO K-TIP DATA						

- Was collaboration with similar programs pursued? Please explain the collaboration attempt, and if not pursued, rationale for why collaboration was not a viable option. (Recommend that collaboration opportunities be explored and documented with existing programs, examples include sharing best practices, recruitment and retention strategies, curriculum or equipment suggestions, working with business and industry on work-based learning opportunities, etc.)
 - Collaboration with other schools has not been attempted due to the long standing of our current program and the success rate of our students. We are only modifying the certificate program to blend to the AAS to better serve our students. Neosho Community College just recently requested to add a program; however, Labette Community College was advised they would only be offering the program at their Ottawa location and would not be in the area of Labette. Neosho's program is operated differently than Labette's program and as such we do not believe there is a duplication of programs in the area.

Program Information

- If the program has undergone the alignment process at the state level, please review alignment requirements and ensure the courses, industry-recognized certifications, and accreditation requirements are met in the proposal. Listing of aligned programs can be found at: https://www.kansasregents.org/workforce_development/program-alignment
 - Currently there is no alignment for Diagnostic Medical Sonography. Our program follows the accreditation requirements for the program.
- List by prefix, number, title, and catalog description all courses (including prerequisites) to be required or elective in the proposed program.

Diagnostic Medical Sonography A.A.S Course List – General Emphasis

English Composition I (ENGL 101): This course develops students' abilities in basic, written communication skills. Persons who plan to receive any type of degree must be able to communicate effectively, through both the spoken and written word; this class provides guidance in the areas of traditional grammar and communication logic and gives students practice in applying principles of exposition. In general, the class helps students master the language and provides them with critical thinking skills which are necessary for higher education.

or

Public Speaking (COMM 101): A basic study of communication theory and its practical application at all levels: intra-personal (understanding the self), interpersonal (one-to-one relationships and small group interaction), and public speaking. Students examine factors that influence the development of self-concept and interpersonal relationships, participate in problem-solving panel discussions, deliver informative and persuasive speeches, and improve their critical listening and thinking skills.

Intermediate Algebra or higher: This course will continue from MATH 96 Beginning Algebra to cover properties of relations and functions, properties of radicals and radical expressions, properties of rational expressions, solving quadratic equations using root extraction and the quadratic formula, and extending and building graphing concepts from lines to basic polynomial functions. (Non-transferable)

Anatomy & Physiology (BIOL 130): This course is designed for one semester and is a comprehensive discipline of Biology. Anatomy and Physiology (A&P) involves both lecture and laboratory study of the human body. The course covers the competencies for anatomy and physiology at the college level as set forth by the State of Kansas Core Competency Committee. The course will integrate the structure and function of the human body. This course meets the requirements for those interested in nursing, respiratory care radiography, physical education, biology majors, minors, and for other health sciences. Lectures and labs are presented in a logical sequence by body systems

Medical Terminology (HEAL 106): Presents basic concepts and elements of medical terms pertaining to the study of the human body, and assists in the development of the ability to read and understand the language of medicine. This course will introduce the basic elements of medical terminology such as prefixes, suffixes, word roots, and combining forms. Commonly used abbreviations will also be addressed

Physics for Health Science (HEAL 109): This course will enable the student to approach physics with practical applications in healthcare. The course explores sound waves, motion, force, work, rate, fluid dynamics, momentum, and resistance. The student will learn the concepts to energy systems- mechanical, fluid, electrical, and thermal within the circulatory system. Students perform laboratory experiments that relate each concept to the four energy systems.

Semester I

Sonography Virtual Lab (DMS200): This course will focus on laboratory techniques. The course will show a hands-on approach to the machine and examinations seen in the clinical setting. Probe positioning, angles, and body planes will be covered. Infectious control, bioeffects, medical terminology, knobology of the machine, and virtual videos to prepare the student for a clinical rotation. *Prerequisite: Acceptance into Sonography Program*

Semester II

Introduction to Sonography (DMS 201): This is an online course designed to introduce the student to the basic responsibilities of a diagnostic medical sonographer. The course will include medical terminology and abbreviations, ergonomics, bioeffects, patient care, departmental procedures, etiquette in the medical facility, and knobology used in diagnostic ultrasound. Introduction to Sonography will build upon the ethics and law curriculum from your previous education and apply it to the ultrasound setting. Team development, conflict resolution, interprofessional communication and education. Patient confidentiality and patient rights will be explained along with the professional codes of conduct for a diagnostic medical sonographer. *Prerequisite: DMS 200 Sonography Virtual Lab*

Sectional Anatomy & Physiology (DMS 205): This course will serve as an introduction to the study of the abdomen as related to the normal appearance on a sonogram. This will include an understanding of the physiology of the abdominal structures, including but not limited to thyroid, breast, prostate, scrotum, urinary tract, small parts, IV, pharmacology, contrast enhancement, non-cardiac chest, and MSK imaging. Doppler applications will be applied to all structures covered in this course. The normal vs. abnormal laboratory values will be demonstrated. *Prerequisite: DMS 200 Sonography Virtual Lab*

OB/GYN I (DMS 206): This course will begin with the normal anatomy of the female abdominopelvic wall/floor (MSK), cavities, and organs. A description of the physiology of the female pelvic organs will also be included as well as an in-depth study of the female menstrual/ovarian cycle. Uterine and Ovarian pathology is included and the student will not only learn about the pathology process but be able to identify the pathology on ultrasound images. This course will also include the normal anatomy of the first, second, and third-trimester fetus, as well as normal measurements. Infertility methods and how they are utilized will be covered, as well as how they affect the female pelvic system. Doppler application will be applied to all areas covered in this course. The normal vs. abnormal laboratory values will be demonstrated. IV insertion, pharmacology and effect on imaging, 3-D imaging, and post-partum. The normal placenta and Amniotic Fluid values will also be a course of study. Study on Transabdominal, as well as Transvaginal scanning and application, will be covered. Lastly, this course will discuss the pitfalls, artifacts, and normal variants that occur with pelvic/obstetrical ultrasound. *Prerequisite: DMS 200 Sonography Virtual Lab*

Sonography Physics & Instrumentation (DMS 211): This course will provide a detailed study of the principles of the production and propagation of sound waves as applied to diagnostic medical Sonography. Included will be acoustic physics and Doppler ultrasound principles. Ultrasound instrumentation and image optimization will be foundational objectives. This course will prepare competent entry-level general sonographers. *Prerequisite: DMS 200 Sonography Virtual Lab*

General Clinical I (DMS 220): This course is an introductory course to Sonography scanning, procedures, and protocols. The student will begin with observation and progress to assisting with and performing procedures. This course will cover general Sonography procedures of the abdomen, thyroid, scrotum, breast, MSK, non-cardiac chest, ultrasound-guided procedures, GI system, Lymphatic system, and major structures of the abdomen, and small parts. Hours and days are subject to change. *Prerequisite: DMS 200 Sonography Virtual Lab*

Semester III

OB/GYN II (DMS 207): This course is a continuation of the OB/GYN for Sonography I course. In this course, we will build further upon the foundation we have already created. Included will be neoplastic, infectious, congenital, heart to include anatomy, three vessels tracheal to include views, research statistics and design, and metabolic immunologic pathology/anomalies of the first, second, and third trimesters, placenta, and umbilical cord. This course will also include a discussion about normal vs. abnormal amniotic fluid levels and the correlation with pathology/anomalies. Also discussed in this course is fetal therapy for anomalies. Doppler application will be applied to all areas. The protocol and procedures of OB scanning will be covered in depth. *Prerequisite: DMS 206 OB/GYN for Sonography I*

Pathology of Abdomen & Small Parts (DMS 208): This course will study diseases of the abdomen and small parts as related to normal and abnormal appearance on a sonogram. This will include an understanding of physiology and how pathology affects it. Pathology and pathophysiology of the abdominal structures, including but not limited to thyroid, breast, prostate, scrotum, urinary tract, gastrointestinal tract, lymphatic system, contrast enhancement, small parts, noncardiac chest, and MSK imaging will be discussed and evaluated. Research statistics and design, Abnormal Doppler of all structures is covered in this course as well as the effect of pathology on laboratory values. *Prerequisite: DMS 205 Sonography Sectional Anatomy & Abdominal Physiology*

General Clinical II (DMS 221): This course is a continuation to DMS 220 General Sonography Clinical I. The student will continue observing some procedures and progress to assisting with and performing procedures. This course will cover general sonography procedures of the abdomen, thyroid, scrotum, breast, MSK, non-cardiac chest, ultrasound-guided procedures, GI tract, lymphatic system, and major vasculature structures of the abdomen, and small parts. Hours and days are subject to change. *Prerequisite: DMS 220 General Sonography Clinical I*

Physics & Instrumentation/Registry Review (DMS 234): This course will continue the study of principles of the production and propagation of sound waves as applied to diagnostic medical Sonography. Included will be hemodynamics of blood flow, harmonics, Doppler, artifacts, quality assurance, and Bio-effects. Ultrasound instrumentation and image optimization will be foundational objectives. This course will prepare competent entry-level general sonographers. The student will use the URR.com review to help prepare for SPI registry. *Prerequisite: DMS 211 Sonography Physics & Instrumentation*

Semester IV

General Clinical III (DMS 222): This course is a continuation of DMS 221 General Clinical II to Sonography scanning, procedures, and protocols. The student will begin with observation and progress to assisting with and performing procedures. This course will cover general Sonography procedures of the abdomen, thyroid, scrotum, breast, MSK, non-cardiac chest, ultrasound-guided procedures, GI system, Lymphatic system, and major structures of the abdomen, and small parts. Hours and days are subject to change. *Prerequisite: DMS 221 General Sonography Clinical II*

General Sonography Registry Review (DMS 250): This course is divided into two areas that will review all necessary subject matter of normal vs. diseased anatomy, functions, pathology, physiology, sectional abdominal anatomy, OB/GYN, and small parts to better prepare students to sit for registry exam. URR.com online registry review will be used for this course. *Prerequisite: DMS 205 Sonography Sectional Anatomy & Abdominal Physiology, DMS 206 OB/GYN for Sonography I, DMS 207 OB/GYN for Sonography II, DMS 208 Pathology of Abdomen and Small Parts*

Diagnostic Medical Sonography A.A.S (62 Credit Hours) Course List – Vascular Emphasis

English Composition I (ENGL 101): This course develops students' abilities in basic, written communication skills. Persons who plan to receive any type of degree must be able to communicate effectively, through both the spoken and written word; this class provides guidance in the areas of traditional grammar and communication logic and gives students practice in applying principles of exposition. In general, the class helps students master the language and provides them with critical thinking skills which are necessary for higher education.

or

Public Speaking (COMM 101): A basic study of communication theory and its practical application at all levels: intra-personal (understanding the self), interpersonal (one-to-one relationships and small group interaction), and public speaking. Students examine factors that influence the development of self-concept and interpersonal relationships, participate in problem-solving panel discussions, deliver informative and persuasive speeches, and improve their critical listening and thinking skills.

Intermediate Algebra or higher: This course will continue from MATH 96 Beginning Algebra to cover properties of relations and functions, properties of radicals and radical expressions, properties

of rational expressions, solving quadratic equations using root extraction and the quadratic formula, and extending and building graphing concepts from lines to basic polynomial functions. (Non-transferable)

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Medical Terminology (HEAL 106): Presents basic concepts and elements of medical terms pertaining to the study of the human body, and assists in the development of the ability to read and understand the language of medicine. This course will introduce the basic elements of medical terminology such as prefixes, suffixes, word roots, and combining forms. Commonly used abbreviations will also be addressed

Physics for Health Science (HEAL 109): This course will enable the student to approach physics with practical applications in healthcare. The course explores sound waves, motion, force, work, rate, fluid dynamics, momentum, and resistance. The student will learn the concepts to energy systems- mechanical, fluid, electrical, and thermal within the circulatory system. Students perform laboratory experiments that relate each concept to the four energy systems.

Semester I

Sonography Virtual Lab (DMS200): This course will focus on laboratory techniques. The course will show a hands-on approach to the machine and examinations seen in the clinical setting. Probe positioning, angles, and body planes will be covered. Infectious control, bioeffects, medical terminology, knobology of the machine, and virtual videos to prepare the student for a clinical rotation. *Prerequisite: Acceptance into Sonography Program*

Semester II

Introduction to Sonography (DMS 201): This is an online course designed to introduce the student to the basic responsibilities of a diagnostic medical sonographer. The course will include medical terminology and abbreviations, ergonomics, bioeffects, patient care, departmental procedures, etiquette in the medical facility, and knobology used in diagnostic ultrasound. Introduction to Sonography will build upon the ethics and law curriculum from your previous education and apply it to the ultrasound setting. Team development, conflict resolution, interprofessional communication and education. Patient confidentiality and patient rights will be explained along with the professional codes of conduct for a diagnostic medical sonographer. *Prerequisite: DMS 200 Sonography Virtual Lab*

Sonography Physics & Instrumentation (DMS 211): This course will provide a detailed study of the principles of the production and propagation of sound waves as applied to diagnostic medical Sonography. Included will be acoustic physics and Doppler ultrasound principles. Ultrasound instrumentation and image optimization will be foundational objectives. This course will prepare competent entry-level general sonographers. *Prerequisite: DMS 200 Sonography Virtual Lab*

Vascular Sonography I (DMS 230): This course begins with the vasculature anatomy, location, and different waveforms. The student will learn different approaches and techniques to vascular ultrasonography. This course will introduce the student to Doppler imaging of the abdomen, extremities, intracranial vessels, and ankle brachial indexes, and Plethysmography. *Prerequisite: DMS 200 Sonography Virtual Lab*

Vascular Clinical I (DMS 251): This course is an introduction to Vascular Sonography Clinical I. The student will still be observing some procedures and progress to assisting with and performing procedures. This course will cover vascular sonography procedures of the abdomen, thyroid, scrotum, carotids, upper and lower extremities, breast, MSK, noncardiac chest, palmar arch, lower extremity exercise testing, vessel mapping, and visceral vasculature and major vasculature structures of the abdomen, extremities, and small parts. Hours and days are subject to change. *Prerequisite: DMS 200 Sonography Virtual Lab*

Semester III

Introduction to Echocardiography (DMS 214): This course will serve as an introduction to the study of basic heart anatomy and physiology. The course will include different types of pathology, valve disease, transthoracic, parasternal, Apical, Subcostal, Transesophageal Suprasternal windows, stress testing, basic embryology, and fetal circulation, congenital anomalies, and 3D/4D echocardiography. This course will include video links, forums, quizzes, and testing. *DMS 230 Vascular Sonography I*

Vascular Sonography II (DMS 231): This course will increase your knowledge and Doppler skills of the cerebrovascular, extremities, abdominal vasculature, transcranial, plethysmography, segmental, ABI's, aortic aneurysms, IVC imaging, venous Doppler evaluation with compression and augmentation, Allen test, Laser vein ablation, radio frequency, invasive vs. noninvasive testing, carotid imaging and evaluation, Raynaud's testing, and all vascular Sonography procedures. Lab scanning and exam competencies will be performed in the lab setting. We will begin the registry review during the last couple of weeks. *Prerequisite: DMS 230 Vascular Sonography I*

Physics & Instrumentation/Registry Review (DMS 234): This course will continue the study of principles of the production and propagation of sound waves as applied to diagnostic medical Sonography. Included will be hemodynamics of blood flow, harmonics, Doppler, artifacts, quality assurance, and Bio-effects. Ultrasound instrumentation and image optimization will be foundational objectives. This course will prepare competent entry-level general sonographers. The student will use the URR.com review to help prepare for SPI registry. *Prerequisite: DMS 211 Sonography Physics & Instrumentation*

Vascular Clinical II (DMS 252): This course is a continuation of Vascular Sonography Clinical I. The student will still be observing some procedures and progress to assisting with and performing procedures. This course will cover vascular sonography procedures of the abdomen, thyroid, scrotum, carotids, upper and lower extremities, breast, MSK, non-cardiac chest, palmar arch, lower extremity exercise testing, vessel mapping, and visceral vasculature and major vasculature structures of the abdomen, extremities, and small parts. Hours and days are subject to change. *Prerequisite: DMS 251 Vascular Sonography Clinical I*

Semester IV

Vascular Registry Review (DMS 237): This course will review your knowledge and Doppler skills of the cerebrovascular extremities, abdominal vasculature, transcranial, plethysmography, segmental, ABIs, aortic aneurysms, IVC imaging, venous Doppler evaluation with compression and

augmentation, Allen test, Laser vein ablation, radio frequency, invasive vs. noninvasive testing, carotid imaging and evaluating Raynaud's testing, and all vascular Sonography procedures. Ultrasound Registry Review online software will be used during this course. *Prerequisite: DMS 230 Vascular Sonography I, DMS 231 Vascular Sonography II*

Vascular Clinical III (DMS 253): This course is a continuation of the Vascular Sonography Clinical I, II. The student is more confident with vascular, abdominal, and small parts procedures at this point in their clinical rotation. This course will cover the vasculature procedures of the abdomen, carotids, arterial, vein of the upper and lower extremities, SMA, Aorta, IVC, renal arteries, TCD, Plethysmography thyroid, scrotum, breast, MSK, noncardiac chest, major vasculature structures of the abdomen, small parts, palmar arch; lower extremity exercise testing; vessel mapping; and visceral vasculature OB/Gynecology. Hours and days are subject to change. *Prerequisite: DMS 252 Vascular Sonography Clinical II*

- Provide a Program of Study/Degree Plan for the proposed program including a semester-by-semester outline that delineates required and elective courses and notes each program exit point.

A.A.S. Diagnostic Medical Sonography		(Same language)	
		Concentration Requirements:	42 -44
		DMS 200 Sonography Virtual Lab	6
		DMS 201 Introduction to Sonography	3
		DMS 211 Sonography Physics & Instrumentation	3
		Sonography Physics & Instrum Registry	
		DMS 234 Review	3
		General Pathway	29 or
		Vascular Pathway	27
		(See courses for each pathway below)	
Credits Required:	60-62	General Education Requirements:	11
		English/Communication:	
		ENGL 101 English Comp I	3 or
		COMM 101 Public Speaking	
		Math and Statistics:	
		MATH 100 Intermediate Algebra or Higher	3
		Natural and Physical Sciences:	
		BIOL 130 Anatomy & Physiology	5
		General Electives:	7
		HEAL 106 Medical Terminology	3
		HEAL 109 Physics for Health Sciences	4
		PROGRAM TOTAL:	60 -62
		General Sonography Pathway	
		Sono Sectional Anatomy &	
DMS 205	Abdominal Physiology	2	
DMS 206	OB/GYN for Sono I	3	
DMS 207	OB/GYN for Sono II	3	
		Sono Pathology of Abdomen	
DMS 208	and Small Parts	2	
DMS 220	General Sono Clinical I	5	
DMS 221	General Sono Clinical II	5	
DMS 222	General Sono Clinical III	5	
DMS 250	General Sono Registry Review	4	
		Total:	29
		Vascular Sonography Pathway	
DMS 214	Intro to Echocardiography	4	
DMS 230	Vascular Sonography I	3	
DMS 231	Vascular Sonography II	3	
DMS 237	Vascular Sono Registry Review	2	
DMS 251	Vascular Sono Clinical I	5	
DMS 252	Vascular Sono Clinical II	5	
DMS 253	Vascular Sono Clinical III	5	
		Total:	27

- If the proposed program includes multiple curricula (e.g., pathways, tracks, concentrations, emphases, options, specializations, etc.), identify courses unique to each alternative.

General Specific Courses:

DMS 205 Sono Sectional Anatomy & Abdominal Physiology
 DMS 206 OB/GYN for Sono I

DMS 207	OB/GYN for Sono II
DMS 208	Sono Pathology of Abdomen and Small Parts
DMS 220	General Sono Clinical I
DMS 221	General Sono Clinical II
DMS 222	General Sono Clinical III
DMS 250	General Sono Registry Review

Vascular Specific Courses:

DMS 214	Intro to Echocardiography
DMS 230	Vascular Sonography I
DMS 231	Vascular Sonography II
DMS 237	Vascular Sono Registry Review
DMS 251	Vascular Sono Clinical I
DMS 252	Vascular Sono Clinical II
DMS 253	Vascular Sono Clinical III

- List any pertinent program accreditation available:
 - Provide a rationale for seeking or not seeking said accreditation.
 - i. The DMS program at Labette Community College is accredited through The Commission on Accreditation of Allied Health Education Programs (CAAHEP) upon the recommendation of the Joint Review Committee on Education in Diagnostic Medical Sonography (JRC-DMS). The program was approved March 2013. For more information contact www.CAAHEP.org In 2023 the sonography program went under review and was awarded a 5 year accreditation for the program.
 - If seeking accreditation, also describe the plan to achieve it.
 - i. Not applicable
- If the program/coursework will be made available to high school students, provide letters of support from local high schools and/or districts that intend to participate.
 - Not Applicable

Faculty

- Describe faculty qualifications and/or certifications required to teach in the proposed program.

Program Director:

Qualifications The program director must: 1) possess a minimum of a Baccalaureate degree; 2) possess the appropriate credential(s) specific to one or more of the concentration(s) offered; 3) have documented experience in supervision, instruction, evaluation, student guidance and in educational theories and techniques; and 4) have a minimum of two years of clinical experience as a registered sonographer in the professional sonography field.

Clinical Coordinator:

1) possess an academic degree no lower than an Associate degree and at least equal to that for which the graduates are being prepared; 2) possess the appropriate credential(s) specific to the concentration(s) that s/he coordinates; 3) have documented experience in supervision, instruction, evaluation, student guidance and in educational theories and techniques; and 4) have a minimum of two years of clinical experience as a registered sonographer in the professional sonography field.

Medical Advisor:

Qualifications 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.

Faculty/Staff:

1) be qualified by education and experience, and be effective in teaching the subjects assigned; and 2) possess appropriate credential(s) for the learning concentration s/he are providing instruction and performing student evaluations.

Clinical Instructor:

Qualifications Clinical instructors must have the appropriate credential in the concentration(s) for which they evaluate student performance and document required clinical competencies.

Cost and Funding for Proposed Program

- Provide a detailed budget narrative that describes all costs associated with the proposed program (physical facilities, equipment, faculty, instructional materials, accreditation, etc.). The college budgets \$273,272 dollars to operate the Sonography budget. Money for the program is collected through state aid, local mil levy, student tuition, and grants.
- Provide detail on **CA-1a form**.
 - **See Attached**
- Describe any grants (including requirements of the grant) or outside funding sources that will be used for the initial startup of the new program and to sustain the proposed program.
 - Labette Community College has been, for a while, offering the certificates for this discipline resulting in just an additional option to what we already have, there will be no initial start up costs. Currently, our program is a Perkins eligible program.
- **Additional cost and funding documents to include as needed:**
 - Provide Excel in CTE fee details on the **CA-1b form** if the program will be offered to high school students and requesting approval for fees.
 - This program will not be offered to high school students.
 - If the program is requesting Perkins funding, provide details on the **CA-1c form**.
 - See Attached

- If the program is requesting KS Promise Act eligibility, provide details on the **CA-1d form**.
 - See Attached

Program Review and Assessment

- Describe the institution’s program review cycle, and anticipated review timeframe for proposed program.
 - Labette Community College conducts internal annual program reviews and a comprehensive program review every three years. The Diagnostic Medical Sonography program just, successfully, completed in 2023 their accreditation program review and were awarded a five (5) year letter for continued accreditation. The DMS program will be scheduled for a three year comprehensive review in 2024-2025.

Program Approval at the Institution Level

- Provide copies of the minutes at which the new program was approved from the following groups:
 - Program Advisory Committee- The program advisory committee holds meeting in the fall semester and the spring semester each year. The advisory committee has not met in the fall semester. The program advisory committee plans to meet in October and the CA-1 form was submitted before they could meet. The program advisory committee has been notified of the submission of the CA-1 form to TEA and KBOR and no responses or objections have been made at this time. The email is attached below.
 -

(Including a list of the business and industry members)



Advisory Board Member Roster

Advisory Table with Name and Title/role

Title/role	Member Name and Credentials	Employment
Administration representative	Ross Harper, CRT, Dean of CTE	Labette Community College
Medical Advisor	Dr. Robert Gibbs, MD	Labette Health, Parsons KS
Program Director	Brian Vediz, RDMS (AB, OB/GYN), RDCS, RVT	Labette Community College
Program representative (Instructor/Clinical Coordinator)	Angie Baker, RDMS (AB, OB/GYN, BR), RVT	Labette Community College

Program Representative (Adjunct Instructor)	Kacie Joseph, RDMS (AB, OB/GYN), RVT	Labette Community College
Student representation per cohort	Lauryn Harrison	Student at Labette Community College
Lead Sonographer	Deb Mosier, RDMS (AB, OB/GYN) RDCS, AE, RVT	Labette Health, Parsons, KS
Graduate representation	Haley Bowman, RDMS (AB, OB/GYN), RVT	Wesley Medical Center, Wichita, KS
Clinical Affiliate representation	Haley Walker	Labette Community College
Public Member	Dr. CJ Hayes	Joplin Dental Care (Joplin, MO)
DMS Navigator	Brandi Clark, RRT	Labette Community College
Radiography Director	Nora Cannon, RT, (R)	Mercy Hospital, Joplin, MO
Lead Sonographer	Abby Lopez, RDMS (OB/GYN), RVT,	Ashley Clinic, Chanute, KS
Sonographer	Elizabeth Goad, RDMS (AB), RDCS, AE, RVT	Coffeyville Regional Medical Center, Coffeyville, KS
Travel Sonographer	Jenea Hilderbrand, RVT	Focal Point Imaging
Lead Sonographer	Beth May, RDMS (AB, OB/GYN), RVT	Coffeyville Regional Medical Center, Coffeyville, KS
Director of Imaging	Thomas McCall, RDMS (AB, BR, OB/GYN), RDCS, AE, RVT	Lakewood Health Systems, Staples, MN
Alumni	Joni Scott, RDMS (AB, OB/GYN), RVT, RDCS	Retired
Travel Sonographer	Emily Wilson, RDMS (AB, OB/GYN), RVT, RDCS	Mercy Hospital, Carthage, MO
Director of Imaging	Travis Battagler, RN	Ascension, Pittsburg, KS
Sonographer	Stephen Verheyen, RDMS (AB, OB/GYN), RVT	Mercy Health, Joplin, MO
Lead Sonographer	Johnetta Fayson, RDMS (AB, OB/GYN), RVT	IU Health, Indiana
Sonographer	Jenavieve Guerrero, RDMS (AB, OB/GYN), RVT	Wesley Medical Center, Wichita, KS
Lead Sonographer	Mike Havercroft, RDMS (AB, OB/GYN), RDCS, NE, AE, RVT, VT	Kansas Medical Center, Andover, KS
Lead Sonographer	Matthew Keller, RVT	Integrus, Miami, OK
Lead Sonographer	Robyn Miller, RDMS (OB/GYN), RVT	St. Luke's, Marion, KS
Lead Sonographer	Melinda Robertson, RDMS (AB, OB/GYN), RVT	Freeman Health, Joplin, MO
Radiology Manager	Ryan Royal, R.T.(R) (ARRT)	Integrus, Enid, OK
Sonographer	Josh Seaver, RDMS (AB, OB/GYN), RVT	Ascension, Pittsburg, KS
Lead Sonographer	Matthew Whittaker, RDMS (AB, BR, OB/GYN), RDCS, AE, RVT	Sentara Health, Halifax, VA
Lead Sonographer	John Winnie, RDMS (BR, OB/GYN)	Integrus, Grove & Miami, OK
Lead Sonographer	Judi Maphet, RDMS (AB, OB/GYN), FE, RVT	Cypress Imaging, Wichita, KS

Lead Sonographer	Sarah Nieman, RDMS (AB, OB/GYN), RVT	Ascension, Wichita, KS
Lead Sonographer	Lindsey Simon, RDMS (AB, OB/GYN), RVT	Hutchison Regional, Hutchison, KS
Lead Sonographer	Erin Lewis, RDMS (AB, OB/GYN), RVT	Jefferson Memorial, Jefferson, TN
Lead Sonographer	Mark Bates, RVT, ABVM	GW Medical, Washington, DC
Lead Sonographer	Ron Kalt, RDCS, AE, PE, RVT	Midland Memorial, Midland, TX
Lead Sonographer	Gisella Granados, RDMS (AB, OB/GYN), RVT	Ascension, Wichita, KS
Lead Sonographer	Amanda Lange, RDMS (AB, BR, OB/GYN), RVT	Community Memorial, Marysville, KS

Refer to JRC-DMS # 806 Advisory Committee Composition for members and definition of public member

- Curriculum Committee
 - The curriculum and instruction committee consist of members from Academic Affairs, Financial Affairs, and Student Affairs. There are both voting and non-voting members present at meetings. See appendix 3 for the minutes and members.
- Governing Board
 - (Including a list of all Board members and indicate those in attendance at the approval meeting)*

David Winchell- Chair of the Board – present for vote
 Becky Dantic- Vice Chair of the Board – present for vote
 Carl Hoskins- Trustee – Not present for meeting
 Mike Howerter- Trustee – present for vote
 Rod Landrum- Trustee – present for vote
 Montie Taylor- Trustee – present for vote

See attached BOT minutes Appendix 1

Program Proposal Submission

- Please enter proposed program into the Kansas Higher Education Data System (KHEDS)
- Please create a PDF of all documents, and submit the completed application to the following:

April Henry
 Director of Workforce Development
ahenry@ksbor.org

Charmine Chambers
 Associate Director for Workforce Development/Data/Finance
cchambers@ksbor.org

Appendix 1

LABETTE COMMUNITY
COLLEGE
**Board of Trustees Corrected
Minutes July 13, 2023**

The Board of Trustees met at 5:30 p.m. on Thursday, July 13, 2023, at the Cardinal Event Center.

Members Present

David Winchell
Becky Dantic
Mike Howerter
Rod Landrum
Montie Taylor

Members Absent

Carl Hoskins

Others Present

<u>Dr. Mark Watkins</u>	Dr. Jason Sharp (via Zoom)	Leanna Doherty	Tammy Fuentez
Dr. Kara Wheeler	Theresa Hundley	Haley Walker	Janice Reese
Kevin Doherty	Tyler Allen	Harrison Hall	Ashley Savage
Randee Baty	Melissa Kipp	Aja Johnston	Elizabeth Stoneberger
Ken Elliott	Shelly Shaw	Jody Burzinski	Greg Chalker
Kaylena Anderson	Cathy Kibler		

Heidi Flora recorded the minutes.

Adoption of REVISED Agenda (ACTION ITEM)

Chair Winchell asked for changes or additions to the revised meeting agenda. There were none. Trustee Landrum moved to approve the revised meeting agenda as presented. Trustee Dantic seconded the motion and the motion carried 5-0.

Approval of Regular Meeting Minutes (ACTION ITEM)

Chair Winchell asked for corrections or additions to the June 8, 2023, regular meeting minutes. There were none. Trustee Landrum moved to approve the minutes as presented. Trustee Howerter seconded the motion and the motion carried 5-0.

Reports and/or Board

Discussion Faculty Senate

Report:

Elizabeth Stoneberger thanked Chair Winchell and Trustee Landrum for their work on the negotiations committee.

Administrative Report:

Comparison of Expenditures to Budget – The June financial report was placed on the tables. At the end of June, we were 100% through the year. The general fund was 92% expended and the technical education/vocational fund was 80% expended. Vice-President Doherty invited questions from the Trustees.

Facility Report:

Kevin Doherty, Director of Facilities, gave a report which included an update on the H-Building roof, HVAC issues at the Athletic Complex, handrail repairs, and the Student Union elevator. He also discussed the equipment storage buildings that are needing to be moved per the city's request.

President's Report:

Dr. Watkins reported that 100% of this year's Radiography students passed their boards.

Dr. Watkins reported that it appears that 100% of this year's Nursing students passed their national boards.

Dr. Watkins discussed the wrestling camp that was held on campus this past week.

Dr. Watkins informed everyone about Haley Bonython (former LCC softball player) qualifying for the Australian National Team.

Dr. Watkins gave a report on the Cardinal Villas for the upcoming school year. Tyler Allen, Director of Admissions, reported on Recruitment.

Old Business (ACTION, REPORT, OR DISCUSSION ITEMS)

Policy Approvals

Trustee Landrum moved to approve the revisions to Policy 7.01 Administrator and Professional Staff: Conditions of Employment; and, Policy 8.01 Educational Support Staff: Conditions of Employment. Trustee Dantic seconded the motion and the motion carried 4-1. Trustee Howerter cast the opposing vote.

Executive Session

Trustee Dantic moved to recess into executive session at 6:06 p.m. for 10 minutes for matters relating to employer-employee negotiations whether or not in consultation with the representative or representatives of the body or agency. To protect the institution's right to the confidentiality of its negotiating position and the public interest. Trustee Landrum seconded the motion and the motion carried 5-0.

The following were invited to participate in the executive session: Dr. Mark Watkins, Dr. Jason Sharp (via Zoom), Leanna Doherty, and Haley Walker.

The Board returned to the open meeting at 6:16 p.m.

New Business (ACTION, INFORMATION, OR DISCUSSION ITEMS)

Master Agreement Contract Ratification

Trustee Landrum moved to approve the presented Master Agreement Contract Ratification. Chair Winchell seconded the motion and the motion carried 5-0.

Administration, Professional Staff, and Education Support Staff Salary Increase

Trustee Landrum moved to approve the proposed salary increases of 7% for staff making less than \$51,000/year and 5% for staff making more than \$51,000/year for Administrative Staff, Professional Staff, and Educational Support Staff, and, a \$5 increase to the 403(b) monthly matching contribution for a total of \$65 per year to begin in August for Administrative Staff, Professional Staff, and Educational Support Staff. Trustee Taylor seconded the motion and the motion carried 5-0.

Athletic Insurance

Trustee Taylor moved to approve the presented Athletic Insurance Contract with Dessinger Reed for \$77,369. Trustee Landrum seconded the motion and the motion carried 5-0.

Professional Staff Employment Letters

Trustee Landrum moved to approve the professional staff employment letters for Jaran Dixon, Women's Assistant Basketball Coach to begin July 1, 2023, at a salary of \$21,976; Brittany Haley, Athletic Trainer, 12-month contract effective August 1, 2023, at a salary of \$50,378 (salary did not change); Harrison Hall, Student Life Specialist to begin July 1, 2023, at a salary of \$28,000; Tiffany Kotzman, Respiratory Care Simulation & Skills Lab Coordinator and Instructor to begin July 10, 2023, at a salary of \$58,000; and, Jeremiah Voliva, Admissions Recruiter to begin July 17, 2023, at a salary of \$28,000. Trustee Dantic seconded the motion and the motion carried 5-0.

Faculty Contract Approval

Trustee Landrum moved to approve the Faculty Contract for Allie Kashka, Full-Time Mathematics Instructor, beginning August 14, 2023, at a salary of \$43,000. Trustee Dantic seconded the motion and the motion carried 5-0.

New Learning Management System Purchase Trustee Dantic moved to approve the purchase of the Canvas New Learning Management System for \$274,865.69 (over five years). Trustee Landrum seconded the motion and the motion carried 5-0

New Program/Course Approval Trustee Landrum moved to approve the Associate of Applied Science degree for both programs of study, Diagnostic Medical Sonography and Emergency Medical Services. Trustee Taylor seconded the Motion and the motion carried 5-0.

Approval of Bills

Trustee Landrum moved to approve the Claims Register. Trustee Taylor seconded the motion and the motion carried 5-0.

Executive Session

Trustee Dantic moved to recess into executive session at 7:05 p.m. for 10 minutes for personnel matters for nonelected personnel. To protect the privacy interests of an identifiable individual. Trustee Taylor seconded the motion and the motion carried 5-0.

The following were invited to participate in the executive session: Dr. Mark Watkins, Dr. Jason Sharp (via Zoom), Leanna Doherty, Tammy Fuentes, and Haley Walker.

The Board returned to the open meeting at 7:15 p.m.

Public Comment

Trustee Howerter invited all to attend the showing of "Sound of Freedom" at the local movie theater.

Trustee Landrum reported he had recently received some positive feedback on LCC from a community member.

President Watkins thanked the Board members for their support.

Next Board Meeting

Chair Winchell reminded everyone of the next regular meeting of the Board of Trustees scheduled for August 10, 2023, at 5:30 p.m. in the Cardinal Event Center.

Adjournment

Trustee Landrum moved to adjourn the meeting at 7:18 p.m. Trustee Taylor seconded the motion and the motion carried 5-0.

Heidi Flora, Clerk of the Board

KBOR Fiscal Summary for Proposed Academic Programs

CA-1a Form (2020)

Institution: Lafayette Community College

Proposed Program: AAS Diagnostic Medical Sonography

IMPLEMENTATION COSTS					
Part I. Anticipated Enrollment			Implementation Year 2024		
Please state how many students/credit hours are expected during the initial year of the program?					
			Full-Time	Part-Time	
A. Headcount:			16	0	
Part II. Initial Budget			Implementation Year		
A. Faculty			Existing:	New:	Funding Source:
Full-time	#3	\$254,480	\$		Local
Part-time/Adjunct	#1	\$2,592	\$		Local
		Amount	Funding Source		
B. Equipment required for program		\$0			
C. Tools and/or supplies required for the program		\$8,400			
D. Instructional Supplies and Materials		\$5,000			
E. Facility requirements, including facility modifications and/or classroom renovations		\$0			
F. Technology and/or Software		\$100			
G. Other (Please identify; add lines as required)- Accreditation		\$2,700			
Total for Implementation Year		\$273,272			

PROGRAM SUSTAINABILITY COSTS (Second and Third Years)					
Part I. Program Enrollment			Second and Third Years		
Please state how many students/credit hours are expected during the first two years of the program?					
			Full-Time	Part-Time	
A. Headcount:			28	--	
Part II. Ongoing Program Costs			First Two Years		
A. Faculty			Existing:	New:	Funding Source:
Full-time	#3	\$0	\$		Local
Part-time	#1	\$0	\$		Local
		Amount	Funding Source		
B. Equipment required for program		\$0			
C. Tools and/or supplies required for the program		\$16,800	Local		
D. Instructional Supplies and Materials		\$10,000	Local		
E. Facility requirements, including facility modifications and/or classroom renovations		\$0			
F. Technology and/or Software		\$200	Local		
G. Other- Accreditation		\$5,400	Local		
Total for Program Sustainability		\$32,400			

KBOR Fiscal Summary for Proposed Academic Programs

CA-1a Form (2020)

Please indicate any additional support and/or funding for the proposed program:

All of the costs associated with the program is already being funded locally through the institution.

Submit the completed application and supporting documents to the following:

Director of Workforce Development
Kansas Board of Regents
1000 SW Jackson St., Suite 520
Topeka, Kansas 66612-1368

Carl D. Perkins Funding Eligibility Request Form

Strengthening Career and Technical Education for the 21st Century Act

CA-1c Form (2022)

Name of Institution	Labette Community College
Name, title, phone, and email of person submitting the Perkins Eligibility application <i>(contact person for the approval process)</i>	Ross Harper, Interim Dean of CTE & Workforce, 620-820-1278, rossharper@labette.edu
Name, title, phone, and email of the Perkins Coordinator	Ross Harper, Interim Dean of CTE & Workforce, 620-820-1278, rossharper@labette.edu
Program Name	Diagnostic Medical Sonography AAS
Program CIP Code	51.0910
Educational award levels <u>and</u> credit hours for the proposed request(s)	AAS Degree- 60 credit hours
Number of concentrators for the educational level	16
Does the program meet program alignment?	
How does the needs assessment address the occupation and the program <i>(provide page number/section number from the CLNA and describe the need for the program)</i>	
Justification for conditional approval: <i>(how will Perkins funds will be used to develop/improve the program)</i>	Perkins funds will continue to be used is this program to help with professional development along with updating equipment for the program.
Pursuant to Americans with Disabilities Act, the proposed program will be offered in a location or format is fully accessible, according to applicable ADA laws? <i>(Contact Board staff for technical assistance if there are questions regarding accessibility)</i>	Yes

Signature of College Official  Date 9/11/23

Signature of KBOR Official _____ Date _____

Kansas Promise Eligibility Request Form

CA-1d Form (2022)

This application should be used for new programs (currently in the program approval process) or existing programs the institution would like reviewed for Kansas Promise eligibility.

Program Eligibility

Per statutory language (Section 28), a "promise eligible program" means any two-year associate degree program or career and technical education certificate or stand-alone program offered by an eligible postsecondary educational institution that is:

- 1) approved by the **Board of Regents**;
- 2) **high wage, high demand or critical need**; and
- 3) identified as a "promise eligible program" by the Board of Regents pursuant to K.S.A. 2021 Supp. 74-32.272:
 - Information Technology and Security
 - **Mental and Physical Healthcare**
 - **Advanced Manufacturing and Building Trades**
 - **Early Childhood Education and Development**

Section 29 (9d), states that the Board of Regents may designate an associate degree transfer program as an eligible program only if such program is included in:

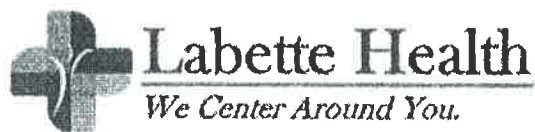
- 1) An established 2+2 agreement with a Kansas four-year postsecondary education institution; or
- 2) An articulation agreement with a Kansas four-year postsecondary educational institution and is part of an established degree pathway that allows a student to transfer at least 60 credit hours from the eligible postsecondary educational institution to a four-year postsecondary education institution for the completion of an additional 60 credit hours toward a bachelor's degree.

Section 30 states an eligible postsecondary educational institution may designate an additional field of study to meet local employment needs if the promise eligible programs within this field are two-year associate degree programs or career and technical education certificate or stand-alone programs approved by the Board of Regents that correspond to jobs that are **high wage, high demand, or critical need in the community** from one of the following fields:

- 1) Agriculture;
- 2) **Food and Natural Resources**;
- 3) Education and Training;
- 4) **Law, Public Safety, Corrections, and Security**; or
- 5) Distribution and Logistics

Name of Institution	Labette Community College
Name, title, and email of person responsible for Academic program	Ross Harper, Interim Dean of CTE & Workforce, 620-820-1278, rossharper@labette.edu
Name, title, and email of Financial Aid contact	Megan Fugate, Financial Aid Director, 620-820-1246, meganf@labette.edu

Last updated: 8/17/2022



August 22, 2023

Re: Labette Community College Sonography Program

To Whom it May Concern:

Labette Health appreciates and greatly values the partnership that it has with Labette Community College. The sonography program is important to our patients and the ability for them to be correctly diagnosed for treatment.

We support the continued enhancement of this program in offering students an opportunity to obtain an Associates Degree of Applied Science in Diagnostic Medical Sonography. We believe that this would not only enhance the knowledge that students may obtain, but encourage more students to participate.

If you have any questions or need any additional information feel free to reach out to me at 620-820-5349.

Thank you,

A handwritten signature in black ink, appearing to be "C. Sykes".

Christina Sykes, MS., SPHR, SHRM-SCP
COO



Ashley Clinic Ultrasound
505 S. Plummer Ave,
Chanute, KS 66720
620-431-2500 ext. 318
alopez@ashleyclinic.com

To whom it may concern,

I am writing this letter to express the need for the Diagnostic Medical Sonography program at Labette Community College. There is a need within the southeast Kansas area for new sonographers as well as further throughout the state of Kansas. There are multiple hospitals within the area that are currently looking for sonographers to hire.

As we have in the past, Ashley Clinic is willing to be a clinical site to help train students in the program. I would also commit to serve on the advisory board as I have in the past.

If any further information or explanation is needed I would be happy to help where I can.

Sincerely,

Abby Lopez, RT (R), RVT, ARDMS (OB/GYN)



Ascension

To: Brian Vediz
From: Travis Battagler
Date: September 7, 2023
Subject: Labette Community College, Sonography Program

Ascension Via Christi Pittsburg is committed to our continual support of the Labette Community College Diagnostic Medical Sonography program. This program produces valuable candidates for our hospital each year. The need to quality sonography technologists continues to grow as this modality become more utilized for diagnostic testing purposes in acute and outpatient settings.

Our diagnostic imaging center will continue to support sonography students from this program by offering clinical rotations at our site. We are also committed to being on your advisory board and providing valuable feedback on students, program goals, and outcomes. We continue to invest in new equipment and technology in the sonography department and offer a variety of exams and procedures for students to learn and master.

We have had a successful partnership with Labettes sonography program and have offered many of their graduating students a chance to continue their careers at our hospital.

Thanks for letting us continue to partner with the LCC sonography program and ensure our communities have quality sonography close to home.

Regards,

Travis K Battagler, BSN, RN, RCIS
Director of Heart Center and Imaging Operations
Ascension Via Christi Hospital Pittsburg, Inc.
1 Mt Carmel Way | Pittsburg, KS 66762

Fort Scott Imaging Services
401 Woodland Hills Blvd | Fort Scott, KS 66701

t: 620-235-7980 | m: 417-437-1159 | f: 620-235-798

Curriculum & Instruction (C&I) Committee Meeting June 26, 2023-June 28, 2023 Email Meeting

Voting Members Present: Ken Elliott, Randee Baty, Theresa Hundley, Elizabeth Stoneberger, Kara Wheeler, Cathy Kibler, Ross Harper, and Archana Lal

New Business:

New Program:

Proposal for the new program AAS-Diagnostic Medical Sonography. With changes to Dept. of Education funding requirements for certificates, the program needs to add the AAS option in order for students to receive financial aid to cover the entire program.

The proposal was accepted by email vote.

Minutes recorded by: Lindsey Drummond, Academic Affairs Assistant

Re: Fall 2023 Sonography Advisory Meeting

Wed 9/6/2023 11:25AM

ajohnson@nrmchealth.com;kerri.williams@mercy.net;travis.battagler@ascension.org;jillbuck2004@yahoo.com;Lindsay_drake@nrmc.com;JFayson@IUHealth.org;tfine@nrmchealth.com;rgibbs@labettehealth.com;elizabethg@crmcinc.org;jenavieve.guerrero@wesleymc.com;mike.havercroft@ksmedcenter.com;joeheathman@hotmail.com;jenea.hilderbrand@gmail.com;Kacie;Joseph;Matthew.Keller@integrisok.com;Jess_King2007@yahoo.com;alopez@ashleyclinic.com;bmay@crmcinc.org;thomas_mccall_215@yahoo.com;2angelamiler@gmail.com;robyn.miller@slhmarion.org;dmosier@labettehealth.com;MKRobertson@freemanhealth.com;Ryan.Royal@integrisok.com;valleycandleworks@hotmail.com;joshua.seaver@ascension.org;jxson93@gmail.com;dawn89@gmail.com;Stephen.verheyen@mercy.net;MWWHITT1@sentara.com;John.Winnie@integrisok.com;kyliewelch0718@gmail.com;judith.maphet@wichitarad.com;sarah.bell1@ascension.org;simonl@hutchregional.com;erin.lewis@tennova.com;mbates@mfa.gwu.edu;ron.kalt@midlandhealth.org;giselle.granados@ascension.org;ajlange@cmhcare.org;Haley Walker;Ross Harper;Angela Baker;Lauryn Helwig <lauryn.helwig@student.labette.edu>;cjhayesjr@hotmail.com;Brian Vediz

Hi!

I am emailing you today about an update to the program. LCC is currently working towards changing the Sonography program from a certificate to an associate degree due to the decrease in financial aid for certificate programs & once this transition is complete, it will then benefit the students with their reimbursements. This transition will not change anything for the general concentration & for the vascular, there will be an additional course during the spring semester. We do not have a specific timeline on this, but we will be able to talk more in-depth about this during the upcoming advisory meeting & wanted to hear your thoughts.

Thank you for your time and look forward to your feedback!

Sincerely,

Brian Vediz

Brian Vediz (Sep 11, 2023 10:43 CDT)

Brian Vediz, BSCTE, RDMS (AB, OB/GYN), RDCS, RVT
Director of Diagnostic Medical Sonography Program

Brandi Clark

Brandi Clark (Sep 11, 2023 10:44 CDT)

Brandi Clark, BSCTE, RRT
DMS Navigator