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Academic Program Actions:

New Program Proposal

Institution: Ozarks Technical Community College

Site Information

Implementation date: 08/18/2025

Added sites: Alliance for Healthcare Education,1423 N Jefferson Ave ,
Springfield,MO 65802

CIP Information

CIP Code: 510910

CIP Program Title: Diagnostic Medical Sonography/Sonographer and Ultrasound Technician

CIP Program Description: 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.

Institution Program Title: Diagnostic Medical Sonography

Change Degree Type

Degree Level: Associate Degree

Degree Type: Associate in Applied Science

Options Added:

Collaborative Program: N

Mode of Delivery

Mode of Delivery: Hybrid

Student Preparation

List any special admissions procedures or student qualifications required for this program which exceed regular university admissions and standards:

No special preparation, that exceeds the college admission, will be required to enter semesters I or II of the Associate of Applied Science in Diagnostic Medical Sonography. Acceptance in the program begins after semester II. Students will be required to pass a background check and drug screen. Students may be interviewed and grades from semester I and II will be considered in the selection process. Additional screening assessments include letters of reference, shadowing requirements, and an essay may be used in the selection process.

List characteristics of a specific population to be served, if applicable:

The student that would benefit from this degree will be one who is interested in entry-level employment in healthcare facilities offering sonography. These individuals will have science and math aptitude, interest in Healthcare, technical proficiency, attention to detail, interpersonal skills, critical thinking and problem-solving abilities, professional standards and physical stamina.

Faculty Characteristics

List special requirements (degree status, training, etc.) for assignment of teaching for this degree/certificate:

Program director must possess a minimum of a baccalaureate degree, possess the appropriate credential(s) specific to one or more of the concentration(s) offered, have document experience in supervision, instruction, evaluation, student guidance and in educational theories and techniques and have a minimum of two years of clinical experience as a registered sonographer. The Clinical Coordinator must 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 they coordinate, have documented experience in supervision, instruction, evaluation, student guidance and in educational theories and techniques and have a minimum of two years of clinical experience as a registered sonographer. Faculty/Instructional Staff must be qualified by education and experience and be effective in teaching the subjects assigned. Additionally, must possess appropriate credentials for the learning concentration they are providing instruction and performing student evaluations. Clinical instructors, which must be identified for each clinical affiliate, must have the appropriate credential in the concentration(s) for which they evaluate student performance and document required clinical competencies.

Estimated percentage of credit hours that will be assigned to full time faculty. Please use the term 'full time faculty' (and not FTE) in your descriptions here:

Estimated percentage of credit hours that will be assigned to full time faculty is 80%.

Expectations for professional activities, special student contact, teaching/learning innovation:

Faculty members must document 24 hours of professional development annually. Additionally, all faculty will be required to maintain their professional licenses and registries. Faculty members must advise students who have designated this as their degree option.

Student Enrollment

Projections Year One - Five

Projections

Full Time:	40	Part Time:	10
Full Time:	60	Part Time:	20

Full Time:	65	Part Time:	25	Number of Graduates:	36
Full Time:	70	Part Time:	25		
Full Time:	75	Part Time:	30	Number of Graduates:	72
Percentage Statement:	90				

Program Accreditation

List Institutional plans for accreditation, if applicable, including accrediting agency and timeline. If there are no plans to seek specialized accreditation, please provide rationale:

Upon respective program approvals, programmatic accreditation via JRC-DMS and CAAHEP will be pursued.

Program Structure

Total Credits:	88
Residency Requirements:	15 of the last 30.
General Education Total Credits:	24

Program Structure (continued)

Major Requirements Total Credits:	64
Courses Added:	BCS 165 4 Human Anatomy BCS 205 4 Human Physiology COM 100 3 Introduction to Communication PLS 101 3 American Government and Politics PSY 110 3 Introduction to Psychology MTH 128 3 Contemporary Mathematics PHY 105 4 Introduction to Physics SON 210 2 Sonographic Physics I SON 211 3 Abdominal Sonography I SON 212 2 Abdominal Sonography Lab I SON 213 1 Sonographic Physics II SON 214 3 Abdominal Sonography II SON 215 2 Abdominal Sonography Lab II SON 216 1 Intro to Clinical Practice SON 220 1 Sonographic Physics III SON 221 1 Gynecologic Sonography I SON 222 1 Gynecologic Sonography Lab SON 223 2 Vascular Technology I SON 231 2 Vascular Technology II SON 232 1 Vascular Technology II Lab SON 233 1 Obstetrical Sonography I SON 241 2 Obstetrical Sonography II SON 243 1 Vascular Technology III SON 251 1 Abdominal Sonography III

- SON 261 1 Capstone I
- SON 262 1 Capstone II
- SON 263 1 Capstone III
- SON 281 5 Practicum I
- SON 282 5 Practicum II
- SON 283 5 Practicum III
- SON 284 5 Practicum IV
- SON 285 5 Practicum V
- SON 286 5 Practicum VI

Enter free elective credits: 0

Internship or other capstone experience: A grade of "C" or better in all SON courses.

Assurances

I certify that the program is clearly within the institution's CBHE-approved mission. The proposed new program must be consistent with the institutional mission, as well as the principal planning priorities of the public institution, as set forth in the public institution's approved plan or plan update.

I certify that the program will be offered within the proposing institution's main campus or CBHE-approved off-site location.

I certify that the program will not unnecessarily duplicate an existing program of another Missouri institution in accordance with 6 CSR 10-4.010, subsection (9)(C) Submission of Academic Information, Data and New Programs.

I certify that the program will build upon existing programs and faculty expertise.

I certify that the program can be launched with minimal expense and falls within the institution's current operating budget.

I certify that the institution has conducted research on the feasibility of the proposal and it is likely the program will be successful. Institutions' decision to implement a program shall be based upon demand and/or need for the program in terms of meeting present and future needs of the locale, state, and nation based upon societal needs, and/or student needs.

Student ID: _____
Student Name: _____
Navigator Name: _____

Catalog: 2025-2026 Academic Catalog and Student Handbook
Program: Diagnostic Medical Sonography (A.A.S.) - Pending Approval

Diagnostic Medical Sonography (A.A.S.) - Pending Approval

A.A.S. Degree: 88 Credit Hours

Diagnostic Medical Sonography is a multi-specialty profession offering a variety of career opportunities in settings including trauma, surgery, interventional radiography, inpatient, outpatient, and physician services.

The Diagnostic Medical Sonography program is a selective admission program. A separate application process is required for acceptance into this program. Upon acceptance, the students may take the "program specific courses." Graduates receive an Associate in Applied Science degree designed to prepare them for the national certification exams of Sonography Principles and Instrumentation, Abdomen, Obstetrics & Gynecology, and Vascular Technology. These certification examinations are administered through The American Registry for Diagnostic Medical Sonography.

A grade of "C" or better is required for all Diagnostic Medical Sonography program required courses.

A new class begins each fall semester. Additional information may be found on the Application Packet webpage link found on the sonography Program's webpage.

Pre-Admission Requirements - 24 Credit Hours

Course Name	Credits:	Semester Completed	Grade	CORE 42
BCS-165 Human Anatomy	Credits: 4			
BCS-205 Human Physiology <i>Prerequisite(s):</i> Grade of "C" or better in BCS 165.	Credits: 4			
MTH-128 Contemporary Mathematics (or higher)	Credits: 3			
HST-120 U.S. History I: to 1865 or	Credits: 3			
HST-130 U.S. History II: 1865-Present or	Credits: 3			
PLS-101 American Government and Politics	Credits: 3			
PHY-105 Introduction to Physics <i>Prerequisite(s):</i> Knowledge of algebra, scatter plot graphing, slope and equation of the line, scientific notation, and unit conversions is recommended.	Credits: 4			
PSY-110 Introduction to Psychology (or higher)	Credits: 3			
COM-100 Introduction to Communication (or higher)	Credits: 3			

Diagnostic Medical Sonography Program Requirements - 64 Credit Hours

Course Name	Credits:	Semester Completed	Grade	CORE 42
SON-210 Sonographic Physics I <i>Prerequisite(s):</i> Admission to the Diagnostic Medical Sonography program	Credits: 2			
SON-211 Abdominal Sonography I <i>Prerequisite(s):</i> Admission to the Diagnostic Medical Sonography program	Credits: 3			
SON-212 Abdominal Sonography Lab I <i>Prerequisite(s):</i> Admission to the Diagnostic Medical Sonography program	Credits: 2			
SON-213 Sonographic Physics II <i>Prerequisite(s):</i> Grade of "C" or better in SON 210, SON 211, SON 212.	Credits: 1			
SON-214 Abdominal Sonography II <i>Prerequisite(s):</i> Grade of "C" or better in SON 210, SON 211, SON 212.	Credits: 3			
SON-215 Abdominal Sonography Lab II <i>Prerequisite(s):</i> Grade of "C" or better in SON 210, SON 211, SON 212.	Credits: 2			
SON-216 Intro to Clinical Practice	Credits: 1			

Prerequisite(s): Grade of "C" or better in SON 210, SON 211, SON 212.				
SON-220 Sonographic Physics III Prerequisite(s): Grade of "C" or better in SON 213, SON 214, SON 215, SON 216.	Credits: 1			
SON-221 Gynecologic Sonography I Prerequisite(s): Grade of "C" or better in SON 213, SON 214, SON 215, SON 216.	Credits: 1			
SON-222 Gynecologic Sonography Lab Prerequisite(s): Grade of "C" or better in SON 213, SON 214, SON 215, SON 216.	Credits: 1			
SON-223 Vascular Technology I Prerequisite(s): Grade of "C" or better in SON 213, SON 214, SON 215, SON 216.	Credits: 2			
SON-281 Practicum I Prerequisite(s): Grade of "C" or better in SON 213, SON 214, SON 215, SON 216.	Credits: 5			
SON-227 Sonographic Physics IV Prerequisite(s): Grade of "C" or better in SON 220, SON 221, SON 222, SON 223, SON 281.	Credits: 1			
SON-228 Gynecologic Sonography II Prerequisite(s): Grade of "C" or better in SON 220, SON 221, SON 222, SON 223, SON 281.	Credits: 2			
SON-229 Vascular Technology I Lab Prerequisite(s): Grade of "C" or better in SON 220, SON 221, SON 222, SON 223, SON 281.	Credits: 1			
SON-282 Practicum II Prerequisite(s): Grade of "C" or better in SON 220, SON 221, SON 222, SON 223, SON 281.	Credits: 5			
SON-231 Vascular Technology II Prerequisite(s): Grade of "C" or better in SON 227, SON 228, SON 229, SON 282.	Credits: 2			
SON-232 Vascular Technology II Lab Prerequisite(s): Grade of "C" or better in SON 227, SON 228, SON 229, SON 282.	Credits: 1			
SON-233 Obstetrical Sonography I Prerequisite(s): Grade of "C" or better in SON 227, SON 228, SON 229, SON 282.	Credits: 1			
SON-283 Practicum III Prerequisite(s): Grade of "C" or better in SON 227, SON 228, SON 229, SON 282.	Credits: 5			
SON-241 Obstetrical Sonography II Prerequisite(s): Grade of "C" or better in SON 231, SON 232, SON 233, SON 283.	Credits: 2			
SON-261 Capstone I Prerequisite(s): Grade of "C" or better in SON 231, SON 232, SON 233, SON 283.	Credits: 1			
SON-284 Practicum IV Prerequisite(s): Grade of "C" or better in SON 231, SON 232, SON 233, SON 283.	Credits: 5			
SON-243 Vascular Technology III Prerequisite(s): Grade of "C" or better in SON 241, SON 261, SON 284.	Credits: 1			
SON-262 Capstone II Prerequisite(s): Grade of "C" or better in SON 241, SON 261, SON 284.	Credits: 1			
SON-285 Practicum V Prerequisite(s): Grade of "C" or better in SON 241, SON 261, SON 284.	Credits: 5			
SON-251 Abdominal Sonography III Prerequisite(s): Grade of "C" or better in SON 243, SON 262, SON 285.	Credits: 1			
SON-263 Capstone III Prerequisite(s): Grade of "C" or better in SON 243, SON 262, SON 285.	Credits: 1			

SON-286 Practicum VI <i>Prerequisite(s):</i> Grade of "C" or better in SON 243, SON 262, SON 285.	Credits: 5			
Notes:				