



New Program Report

Date Submitted:

05/20/2024

Institution

Crowder College

Site Information

Implementation Date:

1/13/2025 12:00:00 AM

Added Site(s):

Selected Site(s):

Advanced Training and Technology Center, 420 South Grand, Joplin, MO, 64801

CIP Information

CIP Code:

510901

CIP Description:

A program that prepares individuals to perform invasive, noninvasive, and peripheral examinations of the cardiovascular system at the request of physicians to aid in diagnoses and therapeutic treatments. Includes instruction in reviewing and recording patient histories and clinical data, patient care, investigative and examination procedures, diagnostic procedures, data analysis and documentation, physician consultation, equipment operation and monitoring, and professional standards and ethics.

CIP Program Title:

Cardiovascular Technology/Technologist

Institution Program Title:

Cardiac Sonography

Degree Level/Type

Degree Level:

Associate Degree

Degree Type:

Associate in Applied Science

Options Added:

Collaborative Program:

N

Mode of Delivery

Current Mode of Delivery

Classroom

Student Preparation



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HIGHER EDUCATION &
WORKFORCE DEVELOPMENT

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Special Admissions Procedure or Student Qualifications required:

Student submits Program Application and meets the admission requirements. The interview will be conducted and the selected applicants will be notified by the Program Director.

Specific Population Characteristics to be served:

The admission is open to all prospective students

Faculty Characteristics

Special Requirements for Assignment of Teaching for this Degree/Certificate:

Currently Licensed Cardiovascular Tech with Associate's Degree but Bachelor's degree or higher preferred

Estimate Percentage of Credit Hours that will be assigned to full time faculty:

100

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

Devote full time and energy to maximize student learning outcomes. Continue learning through professional development activities.

Be role models for learning behavior,

Include students in all facets of instruction, guidance and academic association.

Maintain confidential relationships with respect to student information.

Respect student thought.

Select appropriate texts and other course materials in conjunction with the appropriate division chair.

Adhere to student abilities and competencies listed in the institutional syllabi of courses taught.

Return evaluated student exams and papers in a timely fashion. Maintain grades and class status information.

Submit required reports by deadlines

Serve on institutional committees as needed.

Student Enrollment Projections Year One-Five

Year 1	Full Time: 10	Part Time: 0	
Year 2	Full Time: 13	Part Time: 4	
Year 3	Full Time: 16	Part Time: 4	Number of Graduates: 7
Year 4	Full Time: 18	Part Time: 5	
Year 5	Full Time: 19	Part Time: 5	Number of Graduates: 8

Percentage Statement:

70.00

Program Accreditation



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Institutional Plans for Accreditation:

The College has a plan for CAAHEP accreditation by 2026

Program Structure

Total Credits:

69

Residency Requirements:

None required.

General Education Total Credits:

27

Major Requirements Total Credits:

42

Course(s) Added

COURSE NUMBER	CREDITS	COURSE TITLE
ECHO 210	2	ECHO Clinical I
ECHO 215	4	Sonography Physics and Inst. II
ECHO 206	5	Echocardiography I
ECHO 230	3	ECHO Clinical Capstone
ECHO 220	3	ECHO Clinical II
ECHO 216	5	Echocardiography II
ECHO 211	5	Cardiac Pathology
ECHO 221	2	Interdisciplinary Cardiac Imaging
ECHO 222	6	Concepts of ECHO and Physics
ECHO 201	3	Intro to Cardiac Sonography
ECHO 205	3	Sonography Physics and Inst. I

Free Elective Credits:

0

Internship or other Capstone Experience:

During the Clinical Capstone term, the students are assigned to local hospitals and medical centers with direct supervision of a registered echocardiographer and should be performing echocardiograms with only minor coaching by the preceptors. Performance of echocardiograms as well as analysis and interpretation of echocardiograms and data are reviewed.

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.



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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.

Contact Information

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Program Structure

A. Total credits required for graduation: 69

B. Residency requirements, if any:

none

C. General education: Total credits:

27

Courses (specific courses OR distribution area and credits)

Course Number	Credits	Course Title
COLL 107	2	Workforce Professional Development
Approved Science	4	
PNUR 111	3	Medical Terminology
Approved Civics	3	
Approved Written	3	
Approved Science	4	
COMM 104	3	Fundamentals of Speech
Approved Math	3	
Approved Written	3	

D. Major requirements: Total credits: 42

Course Number	Credits	Course Title
ECHO 201	3	Intro to Cardiac Sonography
ECHO 205	3	Sonography Physics and Inst. I
ECHO 206	5	Echocardiography I
ECHO 210	2	ECHO Clinical I
ECHO 211	5	Cardiac Pathology
ECHO 215	4	Sonography Physics and Inst. II

ECHO 216	5	Echocardiography II
ECHO 220	3	ECHO Clinical II
ECHO 221	2	Interdisciplinary Cardiac Imaging
ECHO 222	6	Concepts of ECHO and Physics
ECHO 230	3	ECHO Clinical Capstone

E. Free elective credits: 0
(sum of C, D, and E should equal A)