

Lackawanna College Diagnostic Medical Sonography/Vascular Technology/Cardiac Sonography programs have the goal to prepare competent entry level sonographers in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains.

**Program Goals & Objectives:**

The Program's goals and objectives include the following to meet each learning domain:

**A. Cognitive:**

1. Students will learn through successful didactic and clinical training following the standards of the sonography curriculum. Student outcomes will be measured through written tests, quizzes and projects as well as hands-on examinations.
2. 100% success of students passing the American Registry of Diagnostic Medical Sonographers (ARDMS) or the Cardiovascular Credentialing International (CCI) examination upon graduation from the program.
3. Minimum entry-level competency of all program graduates.
4. Minimal attrition
5. Meetings with Clinical Site Liaisons-Through site visits, written and verbal correspondence, and at the beginning of each semester, a meeting is held to discuss the expectations of the students, the instructors and the facilities.
6. Capable of completing documentation of History and Physicals.
7. Proficiency of Patient care skills

**B. Psychomotor Domain:**

1. Meetings with Clinical Site Liaisons-Through site visits, written and verbal correspondence, and at the beginning of each semester, a meeting is held to discuss the expectations of the students, the instructors and the facilities.
2. Identify normal anatomy and patient pathology
3. Effectively prepare preliminary study reports
4. To perform all competencies effectively and efficiently
5. Continuing education through local societies and national organizations

**C. Affective Domain:**

1. Professionalism
2. Broaden patient relation skills
3. Behavior based on ethical reasoning and judgment
4. To be able to work effective and efficiently within a clinical setting
5. Feedback from employer and graduate surveys

**Methods to Assure Appropriateness of Program's Goals & Objectives:**

The following methods are used to assure that both programs' goals are met:

1. **Advisory Board**-Periodic meetings take place to discuss the program's progress, reassess resource requirements, and community needs.

2. **Departmental Meetings**-On a monthly basis to discuss and handle various issues and concerns related to the program.
3. **Meetings with Clinical Site Liaisons**-Through site visits, written and verbal correspondence, and at the beginning of each semester, a meeting is held to discuss the expectations of the students, the instructors and the facilities.
4. **Testing**-Throughout the course of the program.
5. **Student Surveys**-Performed each semester.
6. **ARDMS Registry Exam**-Upon first graduates and followed annually by utilizing the ARDMS school reports system
7. **Employer Feedback**-Will be used upon first graduating class and utilized in a timely fashion following each graduating class thereafter.

**Analysis of data collected:**

- Student surveys are compiled and reviewed by both the director of the program and the Vice President of Academic Affairs.
- Reports are generated each semester on student grades, attrition, GPAs and class size and reviewed by the Program Director and Vice President of Academic Affairs.
- Curriculum is evaluated yearly by faculty, the director and the Vice President with student input as well as close contact with the Medical Directors.

**2017 Student/Graduate Outcome Information:**

**Program Design:**

<b>Accredited concentrations</b>	<b>Vascular</b>
<b>Length of Program (in months)</b>	<b>24</b>
<b>Total Students admitted in 2017</b>	<b>8</b>
<b>How many times per year this program is offered?</b>	<b>1</b>

**Attrition Rate:**

	Vascular
Number of students admitted	8
Number of students graduating	7
Attrition Rate	13%

**Job Placement Rate:**

	Vascular
Number of graduates in 2017	7
Number of graduates employed	7
Job Placement Rate	100%

**Graduate Survey Results:**

	Vascular
Number of graduates in 2017	7
Number of graduate surveys returned	5
Graduate survey return rate	71%

**Employer Survey Return Rate:**

	Vascular
Number of employed graduates from 2017	7
Number of employer survey returned	4
Employer Survey return rate	57%

**Credential Success Rate:**

Number of Students taking Vascular credential	7
Number of Students earning credential from ARDMS	7
Vascular credential success rate	100%