

DIAGNOSTIC CARDIAC SONOGRAPHY

ADMISSION PACKET FOR AUGUST 2017 FULL-TIME PROGRAM

New admission procedures require you to:

1. Be admitted to the College and have a student ID number before applying to the program.
2. Apply to the program BEFORE registering for the pre-entrance exam.
3. Check email frequently throughout the admission process. Correspondence will only be sent via email.

Dear Diagnostic Cardiac Sonography Applicant:

Thank you for your interest in the Diagnostic Cardiac Sonography (DMS) Program at John A. Logan College (JALC). The career that you are considering is truly exciting! Graduates of this program earn either an Associate in Applied Science Degree in Diagnostic Cardiac Sonography or an Advanced Certificate in Diagnostic Cardiac Sonography.

The College has an open admission policy; however, there are some programs which have additional entrance requirements. Please examine this packet, which will provide you with information about the profession and career of a Registered Diagnostic Cardiac Sonographer (RDCS) and the Diagnostic Cardiac Sonography Program at JALC. Links to online applications, general and program, and test registration are included. Enclosed you will find information about:

- **ADMISSION PROCEDURES**
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 - STEP 2: Complete Program Application Requirement
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Further information is included in this packet and available on our website at [Restricted Allied Health Admissions](#). We encourage you to thoroughly review the packet and website prior to applying to the program. Best wishes in your educational endeavors.

Regards,

Susan Phillips
Coordinator of Allied Health Admissions

Valerie Newberry
Coordinator and Instructor of Diagnostic Cardiac Sonography

Changes effective 02/03/17 - please note information listed in this packet is subject to change.

ADMISSION PROCEDURES

The following admission procedures shall be followed by all prospective applicants seeking admission to the JALC DMS program. It is imperative that the steps be followed in order to ensure that all of the admission procedures are complete by the deadline date. Failure to comply with the deadline dates designated by JALC will automatically terminate the application for the program.

These admission procedures are in accordance with Illinois law. The law requires that programs not having sufficient space and resources to accommodate all applicants will accept those applicants best qualified, using ranking, ability and achievement test scores as guides, with preference given equally to students residing in the district or in a joint agreement district.

The JALC DMS program admission process does not discriminate on the basis of race, creed, color, national origin, gender, age, or the presence of a non-job-related condition or disability.

To be eligible for admission in the full-time program beginning fall 2017, an applicant must meet these criteria and submit the following credentials to the designated office by the deadline date:

STEP 1: Complete General Admission Requirements

- [Apply for general admission](#) to the College by completing the online application by **March 31, 2017**, if not currently enrolled in courses at JALC. If an applicant prefers, a paper application may be completed at the Admissions Office (C201).

If an application for general admission has previously been submitted, please update any relevant information online in the [MyJALC portal](#), if necessary.

- Submit current placement scores to the **Admissions Office** by **March 31, 2017**. We will accept scores from ACCUPLACER, ACT, ASSET, or COMPASS taken within the past three years. An applicant who has not already completed a college-level English and Mathematics course, or scored at least a 20 in English and Math on the ACT, must complete placement testing in Reading, Writing, and Mathematics to determine appropriate placement in courses. For more information about placement testing, visit [Required Placement Testing](#). If an applicant needs to schedule an appointment to take a placement test, contact Testing Services at (618) 985-2828 Ext. 8520.

Regardless of placement test scores taken for general college admission, and any resultant remedial courses required, all applicants desiring to apply for the DMS program will be allowed to take the DMS pre-entrance exam. However, if an applicant scores low on any general admission placement test, counselors may advise against continuing the DMS application process.

- Submit all transcripts to the **Admissions Office** by **March 31, 2017**. An official copy of a final high school or GED® (High School Equivalency) transcript is required. In addition, official transcripts from other postsecondary institutions attended are required if transferring courses. Transcripts must show when the course was taken and the grade received. **It is the applicant's responsibility to ensure that all official transcripts have been received and evaluated in the Admissions Office by March 31, 2017.**
- Provide proof of current residency to the **Admissions Office** by **March 31, 2017**. Preference is given to in-district applicants. The following forms may serve as acceptable proof of residency to be **RANKED** as an in-district applicant:

- A valid Illinois driver's license with an in-district address
- A valid Illinois state identification card with an in-district address
- A valid Illinois voter's registration card that indicates JALC College District #530

- A current Illinois real estate tax bill that indicates property is owned within the JALC College District #530
- A joint agreement approved by JALC's V.P. for Instruction

In-district and joint agreement applicants will be rank ordered before applicants' out-of-district, if one of the above forms of acceptable proof is received in the Admissions Office by March 31, 2017. If one of the above forms of acceptable proof is not received in the Admissions Office by March 31, 2017, the applicant will be rank ordered at the bottom of the in-district list with all other out-of-district applicants.

Although the following forms may serve as proof to receive the in-district tuition status for an approved course or curriculum, these forms **DO NOT** qualify as acceptable proof of residency to be **RANKED** as an in-district applicant. Therefore, the applicant will be rank ordered at the bottom of the in-district list with all other out-of-district applicants:

- An employer letter that indicates employment in JALC College District
- A notarized letter that indicates residence in JALC College District
- A valid Illinois FOID card with an in-district address
- A chargeback approved by JALC's V.P. for Instruction

Verification must show the applicant's name with their current address. PO Boxes are not accepted as proof of residency. New driver's licenses now show both PO Box and street address.

If an applicant has questions regarding general admission, they should contact the Admissions Office at (618) 985-2828 Ext. 8476 or visit the Admissions Office (C201).

Out-of-District Applicants Attending Through Joint Agreement or Chargeback

Joint Agreement

An out-of-district applicant enrolling in the A.A.S. degree in DMS at JALC through a joint agreement with [**Kaskaskia College, Rend Lake College, Shawnee College, Southeastern Illinois College or Southwestern Illinois College**] or advanced certificate in DMS at JALC through a joint agreement with [**Illinois Eastern Community Colleges, Kaskaskia College, Rend Lake College, Shawnee College, Southeastern Illinois College or Southwestern Illinois College**] will attend on the same basis as in-district applicants including paying tuition, fees and any other charges applicable to in-district applicants. However, an applicant attending under a joint agreement must agree to register for only those courses that are part of the declared joint agreement program. Any prerequisite course work or course outside of the joint agreement program must be completed at the applicant's home institution or the applicant will pay out-of-district rates at JALC. A joint agreement applicant will be responsible for withdrawing from courses that are not part of their declared joint agreement program or agree to pay out-of-district tuition for non-eligible courses. Completion of prerequisite courses does not result in preferential treatment for programs with special admission. Please note that these joint agreements are subject to change.

An applicant, who wishes to enroll in the DMS program that is not offered at their home institution, but is included in the joint agreement with JALC, will:

First, have a letter sent from their home institution stating that the applicant is eligible to participate in the specific program covered by the agreement on or before the program deadline, and;

Second, sign a contract stating that they understand that only courses included under the joint agreement are eligible for in-district tuition.

Chargeback

An out-of-district applicant, who wishes to enroll in the DMS program that is not offered at their home institution, and is not included in the joint agreement with JALC, must first obtain authorization from the sending institution for partial student support to attend JALC, which is referred to as a chargeback. Applicants attending through a chargeback must agree to enroll in only the program guide approved by the sending institution or the applicant will assume responsibility for full tuition and fees incurred for the unapproved courses or program guide. **Applicants attending on a chargeback will be rank ordered at the bottom of the in-district list with all other out-of-district applicants.**

Joint agreement and chargeback letters should be sent to:

John A. Logan College
Attn: Carmen Cutsinger
700 Logan College Road
Carterville, IL 62918

If an applicant has questions regarding a joint agreement or chargeback, they should contact Carmen Cutsinger at (618) 985-2828 Ext. 8362 or visit the V.P. for Instruction Office (A15).

STEP 2: Complete Program Application Requirement

AN APPLICANT MUST HAVE AN ACTIVE JALC STUDENT ID NUMBER AND VOLMAIL EMAIL BEFORE APPLYING TO THE PROGRAM.

- Apply to the DMS program by completing the online application in the [MyJALC portal](#) by **March 31, 2017**. If an applicant prefers, a paper application may be completed at the Admissions Office (C201). A new application is required each year.

To apply, access the [MyJALC portal](#). Click **Login** (top right by Search) and enter your username and password. Choose **Students** tab at top. Click **Admission to Health-Care Majors** link in left column. Click **Diagnostic Cardiac Sonography Application** link on right. Fill out application completely and hit the **Submit** button. Once submitted, click on the link provided to register for the pre-entrance exam.

Need help accessing student accounts [click here](#), contact the Admissions Office at (618) 985-2828 Ext. 8476, or visit one of the front admission windows in C201.

An applicant seeking an Advanced Certificate in Diagnostic Cardiac Sonography

- Submit an official college transcript that shows successful completion of an approved accredited allied health associate degree program to the **Admissions Office** by **March 31, 2017**. No transcript required if program completed at JALC or applicant is currently enrolled in an approved accredited allied health associate degree program that will be completed by **August 4, 2017**.

If an applicant has questions regarding program admission, they should contact the Coordinator of Allied Health Admission at (618) 985-2828 Ext. 8497 or visit the Admissions Office (C201).

STEP 3: Complete Pre-Entrance Exam Requirement

AN APPLICANT MUST APPLY TO THE PROGRAM BEFORE REGISTERING FOR THE PRE-ENTRANCE EXAM.

- Register online to take the **PSB Health Occupations Aptitude Examination (HOAE)** pre-entrance exam for the DMS program by the test registration deadline.

To register, visit [Restricted Allied Health Testing](#). There an applicant will be able to view instructions, test dates, registration deadlines, and access the test registration link. Please read the instructions carefully before proceeding to register.

- Test scores are valid for two consecutive academic years; however, a new program application must be completed each year and submitted by the required deadline. If an applicant tested the previous academic year and chooses not to retest in the current academic year, they must submit a written request to the Coordinator of Allied Health Admission in the Admissions Office in order for the previous test score to be considered. In this instance, no pre-entrance exam registration is necessary.
- Registration and payment will only be accepted online at the link listed above. If you do not have an account through this specific software, you will be asked to create one. This process is very simple. There is a \$30.00 registration fee due at the time of registration for each test date scheduled. Please have your credit/debit card ready. The registration fee is **non-transferrable and non-refundable**, which means you will need to pay for another test date if moving from your original scheduled date.
- A total of two (2) tests may be taken per academic year (September 1st through August 31st) and only one (1) test per month may be taken. Tests will be held in Testing Services (C205) and will begin promptly at 9:00 AM and 1:00 PM, unless indicated otherwise.
- Photo ID and JALC student ID number required on day of exam. The exam will take a minimum of 3 hours. No calculators are permitted during the exam.
- Tests will be administered in a paper/pencil format. Answer documents are collected after completion of each test session and sent to Psychological Services Bureau, Inc. (PSB) for scoring.
- Testing Services will mail test results to the applicant when they are received by PSB, usually 2-3 weeks after the test date. Results will also be sent to the Coordinator of Allied Health Admission in the Admissions Office.
- The college reserves the right to change exam dates and fees at any time. Seating is limited, and applications will be processed on a first come, first served basis. Applicants must register before the registration deadline set below for each test session.

HOAE Test Dates for DMS	Registration Deadlines
Wednesday, November 2, 2016 @ 9:00 AM	Monday, October 31, 2016
Wednesday, November 2, 2016 @ 1:00 PM	Monday, October 31, 2016
Thursday, November 3, 2016 @ 9:00 AM	Monday, October 31, 2016
Thursday, November 3, 2016 @ 1:00 PM	Monday, October 31, 2016
Tuesday, December 6, 2016 @ 9:00 AM	Sunday, December 4, 2016
Tuesday, December 6, 2016 @ 1:00 PM	Sunday, December 4, 2016
Wednesday, December 7, 2016 @ 9:00 AM	Sunday, December 4, 2016
Wednesday, December 7, 2016 @ 1:00 PM	Sunday, December 4, 2016
Tuesday, February 7, 2017 @ 9:00 AM	Sunday, February 5, 2017
Tuesday, February 7, 2017 @ 1:00 PM	Sunday, February 5, 2017
Wednesday, February 8, 2017 @ 9:00 AM	Sunday, February 5, 2017
Wednesday, February 8, 2017 @ 1:00 PM	Sunday, February 5, 2017

HOAE Test Dates for DMS	Registration Deadlines
Thursday, February 9, 2017 @ 9:00 AM	Sunday, February 5, 2017
Thursday, February 9, 2017 @ 1:00 PM	Sunday, February 5, 2017
Tuesday, March 7, 2017 @ 9:00 AM	Sunday, March 5, 2017
Tuesday, March 7, 2017 @ 1:00 PM	Sunday, March 5, 2017
Wednesday, March 8, 2017 @ 9:00 AM	Sunday, March 5, 2017
Wednesday, March 8, 2017 @ 1:00 PM	Sunday, March 5, 2017
Thursday, March 9, 2017 @ 9:00 AM	Sunday, March 5, 2017
Thursday, March 9, 2017 @ 1:00 PM	Sunday, March 5, 2017

The test given for entry into the DMS program is the PSB Health Occupations Aptitude Examination (HOAE). The exam includes sections on academic aptitude, spelling, reading comprehension, information in the natural science and vocational adjustment index. All five sections of the test will be given. The raw score of the first four sections will be added to achieve a composite exam score to be used for admission ranking. The fifth section will be utilized for research purposes.

Additional information about the test can be accessed by going to [Psychological Services Bureau](#). Click on **Resources for Test Taking** to locate documents that may be viewed or printed containing information regarding Sample Questions, Understanding Test Results, and Other Helpful Resources.

Other test preparation web-based tutorials can be accessed online at [Test Prep Tutorials](#).

If an applicant has questions regarding the pre-entrance exam or test results, they should contact Testing Services at (618) 985-2828 Ext. 8520 or visit Testing Services (C205).

STEP 4: Complete Prerequisite Course Requirements

- Submit an official college transcript that shows successful completion of prerequisite course requirements listed with a minimum of a C grade to the **Admissions Office** by **August 4, 2017**. No transcript required if courses completed at JALC.
 - ENG 101 – English Composition I
 - MAT 108 – College Algebra or any IAI Math
 - Physics Elective – complete **one**:
 - PHY 121 – Technical Physics
 - PHS 105 – Physics for Non-Science Majors
 - Social Science Elective – complete **one**:
 - SOC 133 – Principles of Sociology
 - PSY 132 – General Psychology
 - Speech Elective – complete **one**:
 - SPE 115 – Speech
 - SPE 116 – Interpersonal Communication
 - ALH 110 – Issues in Health and Patient Care
 - ALH 112 – Pathophysiology and Terminology¹

¹ BIO 206 is a prerequisite or concurrent enrollment to ALH 112, recommend for Fall Semester. No prior credit will be given for BIO 206 Human Anatomy and Physiology II if this course was completed more than 5 years prior to program admittance or if the earned grade was lower than a C.

If an applicant is accepted into the program and all of the above courses are not completed with a minimum of a C grade by **August 4, 2017**, they will not be allowed to start the program and their position will be forfeited to the next qualified applicant on the list.

Prerequisite courses are required for an Associate in Applied Science Degree in Diagnostic Cardiac Sonography and an Advanced Certificate in Diagnostic Cardiac Sonography.

For general course advisement and registration, contact your advisor. If you need to be assigned to an advisor, contact Testing Services at (618) 985-2828 Ext. 8520. Registration is by appointment only, except during designated walk-in dates.

STEP 5: Admission Selection Process

The selection of applicants is based on the stated admission criteria. The test scores are very important in the selection process because they are rank ordered from highest to lowest. Applicants that earn the highest total points and complete the admission criteria by the program deadline will be selected. Priority will be given to applicants residing in the district or in a joint agreement district. Rank order for the DMS program is based **exclusively** upon the following:

1. PSB Health Occupations Aptitude Examination (HOAE) scores. All five sections of the test will be given, however only the cumulative raw score of the first four sections will be used for admission ranking. The fifth section will be utilized for research.

Each applicant may take the pre-entrance exam twice within one academic year. Only one test per month may be taken. Any additional tests beyond the first two will not be counted. The highest composite score of the two tests will be used for determination of admission.

2. Additional points will be given for achieved passing grades in previously taken courses of ENG 101, MAT 108 or any IAI Math, PHS 105 or PHY 121, and BIO 206. No prior credit will be given for BIO 206 if this course was completed more than 5 years prior to program admittance. Courses must be completed by **March 2017** in order for points to be added. Courses completed after that time will not count as points toward admission. Each course must have been passed with a minimum of a C grade. No points will be given without an official transcript. Official transcripts must show when the course was taken and the grade received. The following points will be added for each grade earned: A = 3 points, B = 2 points, and C = 1 point.
3. An applicant who has worked as a sonographer will earn additional points for full-time work experience if proof of work experience submitted in the form of a notarized letter from employer(s) containing dates of employment as a sonographer is received in the **Admissions Office** by **March 31, 2017**. Points will be awarded for sonography experience as follows: 10 or more years = 5 points, 6-9 years = 4 points, 3-5 years = 3 point, and 2 years = 2 points.

Total points achieved will be added to the combined earned raw scores of sections 1 through 4 of the HOAE. Rank ordering of applicants for admission consideration will be made on the basis of total points earned. Ties will be broken by the highest score achieved on the HOAE, Part 1 and Part 3, successively.

Selection of the class will begin after the admission deadline stated in this packet. Notification of provisional acceptance will be sent via email beginning mid-April 2017 to the top fifteen (15) applicants on the ranking list with an offer for a full-time position that begins in August 2017.

Applicants that obtain provisional acceptance will have seven (7) days from the date emailed to return the acceptance form in the attached acceptance letter. If the applicant chooses not to accept or no response is obtained, the applicant will be dropped from future consideration and the next applicant in rank order on the list will be notified of provisional acceptance.

When all available positions are filled, notification of an alternate position will be sent via email to the next three applicants on the list. Notification of denial into the program will be sent via email when all alternate positions are filled, typically before mid-June. Any individual, not receiving an email by mid-June, should contact the Coordinator of Allied Health Admission in the Admissions Office. Applicants who are not admitted and remain on the list after the program starts will not be carried over for the next year. If interested in applying for the next year's program, a new program application must be submitted.

If an applicant is accepted to the program and chooses not to enter the fall class, any future admission must be by re-application. All applicants must make application for each year they wish to be considered for entrance into the DMS program. PSB Health Occupations Aptitude Examination (HOAE) results will be considered valid for two academic years.

Any student admitted to the DMS program two times and have failed to continue in the program must seek approval from the DMS Coordinator for re-application.

All correspondence will be sent via email, including acceptance, alternate, and denial notifications. Therefore, an applicant must provide an email, Volmail or personal, that is checked on a regular basis. The mailing address provided on the program application will be used for residency purposes and verification of residence at that address will be required (see residency requirements under STEP 1).

It is extremely important to abide by the deadline dates outlined in this packet. It is the applicant's responsibility to assure that these documents have been received in the designated office by the deadline date.

If you have questions regarding this process, please contact the Coordinator of Allied Health Admission at (618) 985-2828 Ext. 8497 or visit the Admissions Office (C201).

PROFESSION

The DMS program prepares students to become highly competent sonographers possessing the skills and knowledge necessary to produce and evaluate ultrasound images and related data that are used by a physician to render a medical diagnosis.

Sonography is a dynamic profession that has grown significantly over the past 20 years. With rapidly developing new technologies and increased use of diagnostic ultrasound procedures, growth is projected to continue in the future with employment opportunities for qualified diagnostic cardiac sonographers in both urban and rural areas nationwide. Sonographers can choose to work in clinics, hospitals, private practice physician offices, public health facilities, laboratories, and other medical settings performing examinations in their areas of specialization. Career advancement opportunities exist in education, administration, research, and in commercial companies as education/application specialists, sales representatives, technical advisors, etc.

A diagnostic cardiac sonographer is a highly-skilled professional who uses specialized equipment to create images of structures inside the human body that are used by physicians to make a medical diagnosis. The process involves placing a small device called a transducer against the patient's skin near the body area to be imaged. The transducer works like a loudspeaker and microphone because it can transmit sound and receive sound. The transducer sends a stream of high frequency sound waves into the body that bounce off the structures inside. The transducer detects sound waves as they bounce off the internal structures. These sounds are analyzed by a computer to make an image of the structure(s) on a display screen that can be stored on hard drive.

Diagnostic cardiac sonographers have extensive, direct patient contact that may include performing some invasive procedures. They must be able to interact compassionately and effectively with people who range from healthy to critically ill.

The professional responsibilities include, but are not limited, to:

- Obtaining and recording an accurate patient history
- Performing diagnostic procedures and obtaining diagnostic images
- Analyzing technical information
- Using independent judgment in recognizing the need to extend the scope of the procedure according to the diagnostic findings
- Providing an oral or written summary of the technical findings to the physician for medical diagnosis
- Providing quality patient care
- Collaborating with physicians and other members of the health care team

Diagnostic cardiac sonographers must also be knowledgeable about the risk of possible exposure to blood and body fluids. Many diagnostic cardiac sonographers also assist in electronic and clerical scheduling, record keeping, and computerized image archiving. Diagnostic cardiac sonographers may also have managerial or supervisory responsibilities.

Graduates will be able to apply for registry examinations and successful candidates will be able to use the title of Registered Diagnostic Cardiac Sonographer – RDCS.

In addition to excellent career opportunities, salaries for sonographers are competitive with or higher than other professionals with similar levels of education. Surveys indicate that an entry level sonographer can expect a median salary in a range of \$63,630 annually not including benefits. [Salary information is based on a 2015 national salary survey by the [US Bureau of Labor Statistics](#).]

Faster than average employment growth is expected, but job opportunities will vary by geographic area. Sonographers willing to relocate will have the best job opportunities. Sonographers with multiple specialties or multiple credentials also will have good prospects.

ACCREDITATION

[Commission on Accreditation of Allied Health Education Programs](#) (CAAHEP)

CAAHEP is located at 25400 U.S. Highway 19 North, Suite 158, Clearwater, FL 33763; telephone: (727) 210-2350, fax: (727) 210-2354.

Graduates of the DMS program will be able to apply for the [American Registry for Diagnostic Medical Sonography](#) (ARDMS) national certification examination. This computer-delivered examination will be administered by appointment and after application, once eligibility has been established by ARDMS. The [Sonography Principles & Instrumentation](#) (SPI) and [Adult Echocardiography](#) (AE) examinations are offered throughout the year. Successful completion of both exams confers the title of [Registered Diagnostic Cardiac Sonographer](#) – RDCS. A felony conviction may adversely affect ability to sit for the ARDMS exam and/or attain state licensure.

LEGAL LIMITATIONS

Felony convictions that Diagnostic Cardiac Sonographer graduates have may adversely affect their ability to sit for licensure exam and to receive employment.

Potential applicants with questions concerning the above may wish to make an appointment with the Coordinator of Diagnostic Cardiac Sonography at (618) 985-2828 Ext. 8622.

TECHNICAL ABILITIES AND SKILLS REQUIRED

Sonographers must be able to:

- Lift more than 50 pounds routinely
- Push and pull routinely
- Bend and stoop routinely
- Have full use of both hands, wrists and shoulders
- Distinguish audible sounds
- Adequately view sonograms, including color distinctions
- Work standing on their feet 80% of the time
- Interact compassionately and effectively with the sick or injured
- Assist patients on and off examining tables
- Communicate effectively with patients and other health care professionals
- Organize and accurately perform the individual steps in a sonographic procedure in the proper sequence

REQUIREMENTS OF ADMITTED STUDENTS

The length of the program is eighteen months from start to finish, not including the prerequisite courses. Classes begin in August and students go to school year-round, which includes the summer semester.

The DMS student has a very concentrated schedule with numerous clinical hours in area hospitals. Clinical hours must be made up including sick and holidays.

The diagnostic material is taught online and students need to be strong online learners. Laboratory practice and clinical training at affiliated hospitals is also included in this program.

Clinical sites currently in use are located in Illinois, Kentucky, Missouri and Tennessee: Carbondale, Herrin, Marion, Mt. Vernon, Centralia, Effingham, Springfield, Decatur, Urbana, Paducah, Cape Girardeau, the St. Louis area, and Clarksville.

Students will be responsible for all transportation and/or costs to classes and hospitals/clinical within this **highly mobile program**.

Health Insurance, flu shots, criminal background check and drug screening are required by all clinical sites. Students will be expected to contact the Coordinator of Diagnostic Cardiac Sonography for details.

A current physical examination and CPR certification is required throughout the program, but should not be scheduled until you have received official notification that you have been accepted into the program. Also, vaccination for Hepatitis B, a Rubella-Titer test, a negative Mantoux test, a Tetanus Toxoid test and titers, with potential for more immunizations based on results, is required once you have been accepted into the program. These forms will be provided to accepted students during a new student orientation session with the Diagnostic Cardiac Sonography Coordinator.

Prospective DMS students should **not** purchase any materials or supplies until **AFTER** they have been accepted and registered for classes. Questions regarding uniforms, schedules, requirements, etc. will be answered for accepted students during an orientation session in early May with the Coordinator of Diagnostic Cardiac Sonography.

PROGRAM GUIDES AND COURSE DESCRIPTIONS

DMS students must earn a minimum of a C grade in all courses listed in the program guide, including prerequisite courses.

It is the responsibility of all interested applicants to view the current DMS program guide and course descriptions online at the following links:

[Diagnostic Cardiac Sonography - Associate in Applied Science Degree Program Guide](#)

[Diagnostic Cardiac Sonography - Advanced Certificate Program Guide](#)

[Diagnostic Cardiac Sonography \(DMS\) Course Descriptions](#)

GENERAL COURSE REQUIREMENTS

All of the general courses listed below are **prerequisites** and must be successfully completed **before** starting the program.

ENG 101 – English Composition I – 3 credits

MAT 108 – College Algebra or any IAI Math^{1, 2} – 3-4 credits

Physics Elective – complete **one**:

PHY 121 – Technical Physics – 3 credits

PHS 105 – Physics for Non-Science Majors – 3 credits

Social Science Elective – complete **one**:

SOC 133 – Principles of Sociology – 3 credits

PSY 132 – General Psychology – 3 credits

Speech Elective – complete **one**:

SPE 115 – Speech – 3 credits

SPE 116 – Interpersonal Communication – 3 credits

ALH 110 – Issues in Health and Patient Care – 3 credits (offered fall and summer as an online course)

ALH 112 – Pathophysiology and Terminology³ – 3 credits (offered spring and summer as an online course)

Students must be certified for CPR at the start of the program and remain certified throughout the program.

¹ Prerequisite for MAT 108 or any IAI Math is MAT 062 with a minimum of a C grade.

² Students interested in pursuing Radiologic Sciences (Medical Sonography) at SIU should consider MAT 120, articulated substitute for HCM 365.

³ BIO 206 is a prerequisite or concurrent enrollment to ALH 112, recommend for Fall Semester. No prior credit will be given for BIO 206 Human Anatomy and Physiology II if this course was completed more than 5 years prior to program admittance or if the earned grade was lower than a C.

All applicants are required to successfully complete the prerequisite courses with a minimum of a C grade prior to the fall semester that they plan to start the program.

For general course advisement and registration, contact your advisor. If you need to be assigned to an advisor, contact Testing Services at (618) 985-2828 Ext. 8520. Registration is by appointment only, except during designated walk-in dates.

PROGRAM COSTS

Costs are **estimates** based on the current 2016-2017 academic year.

ITEM	COST
Tuition – In-District at \$115.00 per credit hour – 26 hours (prerequisite courses)	\$2,990.00
Technology fee at \$5.00 per credit hour – 26 hours (prerequisite courses)	130.00
Course fees (prerequisite courses)	70.00
Variable Tuition ¹ – Online at \$157.00 per credit hour – 14 hours (DMS courses)	2,198.00
Variable Tuition ¹ – In-District at \$145.00 per credit hour – 36 hours (DMS courses)	5,220.00
Technology fee at \$5.00 per credit hour – 50 hours (DMS courses)	250.00
Course fees (DMS courses)	2,200.00
Books (DMS courses)	1,410.00
White lab coat and scrubs	120.00
Stethoscope and calculator	50.00
ECG calipers and DVD's	15.00
Drug Screening	49.00
Criminal Background	38.50
Student DMS annual membership fee	40.00
ARDMS National Board Examinations (SPI Exam \$200.00 and AE Exam \$250.00)	450.00
Graduation fee	10.00
Registration fee for PSB Health Occupations Aptitude Examination (HOAE)	30.00
Total Estimated Cost	\$15,270.50

[Click here to view Tuition and Fees Schedule.](#)

¹ Variable tuition rate of \$30.00 per credit hour assessed for DMS courses.

Additional costs may include:

- \$60 Activity fee assessed for 6 or more credit hours registered per fall and spring semester
- \$40 Activity fee assessed for 3 or more credit hours registered per summer semester

- Medical exams, immunizations, health insurance, and CPR
- Overnight accommodations and travel fees for clinical visits

Note: Textbooks for the prerequisite courses are not included due to variability of texts. Mileage cost and meals at clinical sites are the student's responsibility. Clinical sites are within a wide radius of the campus and mileage is an expense to consider seriously. **All costs listed above are estimates and subject to change. The DMS student should plan to meet these financial obligations before entering the DMS program.**

*Potential DMS students should **not** purchase or schedule anything until after they have been accepted and registered to begin the DMS program.*

For additional information, please contact Valerie Newberry at (618) 985-2828 Ext. 8622 or valerienewberry@jalc.edu.

FINANCIAL ASSISTANCE

JALC offers students several sources for financial assistance:

Financial Aid – A variety of financial aid exists and the applicant should contact the Financial Aid Office for more information at (618) 985-2828 Ext. 8308, financialaid.info@jalc.edu, or C210. Some of the types of financial aid presently offered are:

- [Federal Pell Grant](#)
- [Federal Supplemental Educational Opportunity Grant \(FSEOG\)](#)
- [Illinois State Map Grant](#)
- [College Work Study](#)

JALC is no longer participating in the Federal Direct Student Loan Program. Students in need of loan funds will have to apply for a Private Alternative Student Loan. In order to find a lender, contact your local Bank, Credit Union, or search on the web using "Private Alternative Student Loan providers" for your search. All students who apply for private alternative loans must first submit a FAFSA with JALC's federal school code 008076.

Financial aid requirements and general information can be accessed online at [Financial Aid](#).

Scholarships – A variety of scholarships, administered through the JALC Foundation and external sources, are available and the applicant should contact the Foundation Office for more information at (618) 985-2828 Ext. 8355, foundation@jalc.edu, or B33.

Scholarship application procedures, scholarship application, letter of recommendation form, and lists of available scholarships through the JALC Foundation and external sources, can be accessed online at [JALC Foundation](#).

Veterans Resources – Military veterans should visit [Veterans Services](#) in C206 for more information on Illinois Veterans Grant and GI Bill Benefits.