



# APPLICATION FOR ADMISSION TO THE VASCULAR SONOGRAPHY PROGRAM

**SPRING 2020**

**One \$50.00 Application Fee per 12 month period to apply to any AH program**  
non-refundable

JACKSON COLLEGE  
CERTIFICATE IN VASCULAR SONOGRAPHY

NAME \_\_\_\_\_ JC STUDENT ID NUMBER \_\_\_\_\_

ADDRESS \_\_\_\_\_ DOB \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

HOME PHONE \_\_\_\_\_ CELL PHONE \_\_\_\_\_

EMAIL ADDRESS \_\_\_\_\_

**The following must be completed prior to entering the program:**

- Jackson College Application
- Career Research Essay (instructions on points summary page)
- DMS Fact Sheet Signed and Completed
- Application Fee paid **MUST attach** receipt
- All point earning documentation must be submitted **by March 31<sup>st</sup>**.
- Please provide below any geographical limitations you have to attend an assigned clinical site by providing a reply to these preferences:
  - Commuting to a clinical site**-what is the distance you are willing to drive **in a measurement of time** (to and from) an assigned clinical site?
  - Relocating to a clinical site**-are you willing to relocate to an assigned clinical site (for the duration of the program)? *All cost of relocating would be incurred by the student.*
- For each course listed below, please fill in an appropriate response:

Indicate your grade if you have completed the course, OR Indicate if you are currently enrolled.

**\*You must meet the required credits for each prerequisite course transferred to JC**

**THIS PROGRAM IS COMPETITIVE. Minimum Grades DO NOT Guarantee Admission.**

Must have a minimum grade of **2.0** in the following classes:

**ENG 131** \_\_\_\_\_      **MAT 131** \_\_\_\_\_      **PHY 145** \_\_\_\_\_ or  
\*3 transfer credits      \*3-4 transfer credits      **ARDMS Credential** \_\_\_\_\_  
\*Choose one PHY. 2 transfer credits

**DMS104 or ARDMS Crednetial** \_\_\_\_\_  
\*3 transfer credits

Must have a minimum grade of **3.0** in the following classes:

**BIO 132** \_\_\_\_\_ or **BIO 253** \_\_\_\_\_ & **BIO 254** \_\_\_\_\_  
\*Choose one BIO. 4 - 5 transfer credits

**Geographical Limitations:**

**Commuting to a clinical site** – What is the distance you are willing to drive **in a measurement of** time one way to a clinical location? \_\_\_\_\_

**Relocating to a clinical site** - Are you willing to relocate to be closer to one of our clinical locations in order to complete your clinical hours? \_\_\_\_\_

**Distance Students Geographical Limitations:**

Do you reside outside a 200 mile radius of campus (circle/highlight one)?

YES            NO

**If Yes:** Are you willing to relocate to Michigan to be placed in one of our clinical sites?

YES    NO

If you live outside a 200-mile radius of campus and are not willing/able to relocate to Michigan for a clinical site, **it is your responsibility** to find a clinical site that is near your location.

Have you made contact with a facility near your location?        YES            NO

If Yes: Name of Facility: \_\_\_\_\_

\*\*Please visit the “FAQ” & “Securing a Clinical Site” webpages for further instructions.

**Career Investigation Essay:**

*Submit this documentation along with your application*

On a Separate sheet of paper please respond to the following:

- 1) Write a 100-word essay reflecting what you find most interesting about vascular technology.
- 2) You will be successful as a vascular technologist because.....

My signature verifies that I have met all requirements for application to the Vascular Sonography program; read and understand the Technical Standards for Admission and the Technical Standards and Functions documents; Vascular Sonography Admission Process (pages 3, 4, 5, & 6); my admissions file is complete. \*All students have to meet with their student success navigator to verify the requirements have been met for the program.

\_\_\_\_\_  
Student Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Navigator Signature

**Application form must be submitted directly to:**

**YOUR STUDENT SUCCESS NAVIGATOR**

*Applications will only be accepted from Student Success Navigators.*

APPLICATION and TRANSCRIPT RECEIPT DEADLINE:

March 31<sup>st</sup> (Vascular Sonography) for a Spring Semester program start (Semester B July

## Understanding the Acceptance Process

- There is no waiting list for these programs. You must reapply each year if you are not accepted into the program after your first application.
- High grades, related allied health experience, good interviewing skills, and job shadowing experiences positively influences your chances to secure a spot in the program. **NOTE: Jackson College does not assist in finding job shadowing opportunities.**
- There are approximately 25 seats available annually within each program; however, the actual number of students accepted into the sonography programs is determined by how many clinical sites are available to host Jackson College students. Most clinical sites are a 1:1 student to clinical site ratio.
- The Vascular Sonography Programs is a combination of part-time and full-time academic course schedule. Holding a full-time job is strongly discouraged because of the rigors of the academic and clinical requirements. Students will be expected to attend their clinical education sites between 24 to 32 hours each week while in the program.
- Students will be required to complete a criminal background check and drug screen. An offer of admission can be withdrawn based on the results of the student's criminal background check and/or a positive drug screen. Admission into Jackson College's program does not guarantee a student's eligibility to sit for the ARDMS exam it is the student's responsibility to verify eligibility directly with ARDMS.
- Participation of clinical sites varies each year. While Jackson College uses its best efforts to negotiate clinical sites, even after they become available they can become unavailable for reasons beyond the control of Jackson College and in that event Jackson College has no liability. The Allied Health Office makes every attempt to secure and assign students to clinical sites based on the student's preferences regarding commuting and/or relocation. However, it is not always possible to secure a site within commuting distance therefore students who are open to relocating improve their chances of getting into the program. **You are encouraged to view the clinical site information on Jackson College's website or contact the Allied Health Office regarding clinical site questions.**
- If there are approved accredited sonography programs currently in your area it may be challenging for Jackson College to secure a clinical site in this area. A listing of accredited sonography programs can be viewed on the CAAHEP website at [www.caahep.org](http://www.caahep.org).
- The Vascular Sonography clinical are unpaid educational experiences.

## Vascular Technology Certificate Program Admission Process

Jackson College and the Allied Health Department are pleased that you are interested in the Vascular Technology Certificate Program. The admission process was established to enhance student success in the Sonography curriculum and to help ensure passing scores on the National Exam, given by the American Registry of Diagnostic Medical Sonographers (ARDMS).

The vascular sonography certificate program is an online competency-based program accredited by the Commission for Accreditation of Allied Health Education Programs (CAAHEP) in the United States. It is a program leading to a Vascular Technology Certificate. The curriculum consists of integrated educational and clinical course work, with a **maximum** of 1,152 supervised clinical hours (twelve months) and scanning competencies with an approved clinical education affiliate.

- 1) Submit a Jackson College application.
- 2) Submit a completed Diagnostic Medical Sonography Advising Fact Sheet Form.  
[http://www.jccmi.edu/HealthCareers/alliedhealth/sonography/dms\\_advisingfactsheet.htm](http://www.jccmi.edu/HealthCareers/alliedhealth/sonography/dms_advisingfactsheet.htm)
- 3) Submit a completed Jackson College Vascular Sonography Program Application Form and indicate the desired

program year. ***This application must be submitted directly to the Allied Health Office (JW 231). The application fee must be paid to JC's Cashier's Office.***

- 4) Be a high school graduate or successfully complete the G.E.D. test.
- 5) Must be a cardiac or general Sonographer(current employment within five years)
- 6) Must have previous Degree (Science and/or Applied Science) or certificate in field of sonography
- 7) Forward to the Jackson College Admissions Office **ALL** transcripts from colleges previously attended. ***It is your responsibility to confirm that your transcripts are on file.*** (Allow 8–10 weeks for transcripts to be processed. All transcripts **MUST** be received by the application deadline. Failure to have all transcripts submitted timely to Jackson College may result in an incomplete Vascular Sonography application).
- 8) Meet Technical Standards for Admission of the Allied Health Department and Technical Standards and Functions required for the Vascular Sonography Program.
- 9) Provide documentation of your ARDMS registry

## **APPLICATION REQUIREMENTS**

### **CERTIFICATE VASCULAR SONOGRAPHY**

The Vascular Sonography CAAHEP(Commission on Accreditation of Allied Health Education Programs) accredited certificate program will provide a vascular pathway for: Sonographers with a current degree/certificate and current healthcare experience(within five years) that includes: Diagnostic Medical Sonographer and Cardiac Sonographer who are interested earning the Registered Vascular Technologist(RVT) credentials.

- 1) Students must have completed the prerequisite course work with a final grade of 2.0 or better in each course.

***The following General Education and Pre-Requisite courses are required:***

- |    |                       |   |
|----|-----------------------|---|
| 1) | * BIO 132 or          | Human Biology (4 credits)                               |
|    | * BIO 253 and BIO 254 | Human Anatomy and Physiology (4 - 5 credits)            |
| 2) | ENG 131               | Writing Experience (3 credits)                          |
| 3) | MAT 131               | Intermediate Algebra (3 – 4 credits)                    |
| 5) | PHY 145               | Intro to Basic Physics (3 credits)                      |
| 7) | DMS 104               | Introduction to Sonographic Instrumentation (3 credits) |

\*Requires a final grade of 3.0 or higher for admission consideration.

- 2) All applicants' academic records are evaluated by using a numerical point system. Entry into the Vascular Technology program is competitive and is based on total points from the grades earned in prerequisite coursework and an interview process. If a prerequisite course that is a "point counter" is not completed when the application is submitted, midterm points will be awarded for that course. Students are responsible to request the course instructor email the student their grade, the student will forward the email to the Allied Health Office Coordinator. Consideration for the sonography program will still apply.

- 3) All considered applicants will have a consultation (interview) with the Jackson College DMS Admissions Committee and if requested, the clinical site facility may also request and interview at the clinical site for final approval.

A. The Admissions Committee will be comprised of a minimum of three (3) of the following individuals:

DMS Program Director  
DMS Clinical Instructor  
DMS Clinical Coordinator  
DMS Medical Advisor  
A Representative of Jackson College Student Affairs Office  
Any non-student Member of the DMS Advisory Committee

B. All applicants will be asked to respond to similar set of questions during the consultation (interview) process.

C. All **accepted** applicants will be scored by each member of the Admissions Committee and an average score is entered into overall point tally for admission considerations.

3) A clinical site must be arranged and approved for each applicant before final acceptance into the program. The clinical site is a third party entity into which students are placed for practical experience. The Clinical staff employees are not paid JC faculty for the clinical education portion of the program. Jackson College cannot guarantee that a clinical site will always be available. Arrangement for such a site depends upon the college's ability to enter into a formal agreement with a proposed site. Students should not rely upon the availability of a clinical site in particular geographical location. While Jackson College uses its best efforts to negotiate clinical sites, even after they become available they can become unavailable for reasons beyond the control of Jackson College and in that event Jackson College has no liability. No one at Jackson College has authority to modify the conditions and information outlined in this application other than in writing signed by the Director of Allied Health.

4) All **accepted** applicants will be required to submit a completed statement of health/physical condition. The completed physical statement needs to include: medical history, physical exam results, and immunizations. This statement must be uploaded to Castle-Branch prior to any DMS student beginning their clinical education.

5) All **accepted** vascular sonography students must submit proof of Hepatitis B vaccination or a signed waiver declining the vaccine.

6) Jackson College does not pay for health physicals and/or any required vaccinations.

7) The admissions process is nondiscriminatory in regards to race, color, religion, national creed, national origin or ancestry, age, gender, sexual preference, marital status, or handicap.

8) All of the sonography program courses are offered online through Jackson College distance education. Even though the sonography program is an online program, all accepted applicants are required to complete a hands-on course at Jackson College's central campus prior to attending the clinical education.

Orientation into the sonography program

DMS 160 (Introduction to Vascular Technology and Professional Lab Practices)

Interview for the program

Course Exams

9) All students admitted to the program will be required to attend a 105 hour pre-clinical lab course (DMS160) on central campus. Any student unable to attend the scanning lab course on JC's central campus due to geographical travel restrictions may be eligible to complete the course through a hybrid delivery method in their geographical location. The following circumstances will be considered to determine eligibility of hybrid delivery method:

1. Clinical site location
2. Program Director approval
3. Clinical site (affiliate) approval.

The following conditions must be met once eligibility status has been approved:

A clinical site willing to sponsor the student must meet the minimum requirements of a clinical affiliate listed below:

- i. A current affiliation agreement
- ii. Completed, submitted and approved CC and CV forms.
- iii. Appropriate credentialed sonographers willing to facilitate the course requirements.
- iv. The sponsoring clinical site must be willing to work with student to complete the lab course competencies for the (DMS196, DMS197 or DMS160) course.
- v. A cleared background check, drug screen and health physical form including immunization forms must be updated in the Allied Health Office one month prior to the start of the course.

## **ACCEPTANCE PROCESS**

- 1) The order of acceptance of qualified applicants will be based on points achieved for academics as well as the interview process.
- 2) If more than one qualified applicant achieves the same score in the point system for the last remaining spot, the applicant with the highest overall Jackson College grade point average will be selected.
- 3) One \$50.00 Application Fee per 12-month period to apply to any AH program non-refundable
- 4) Upon acceptance to the Vascular Sonography Program, an applicant must complete the VSON Program Health Certification Form and obtain Professional Level CPR certification. This training includes infant, child, adult, 1 man – 2 man CPR, AED, and choking. **This MUST be maintained and current while in the program.**
- 5) Notification of applicants' status into the Vascular Sonography program will be made in June for semester B of spring semester

If a student chooses not to accept their seat in the program for that year, he/she will need to reapply for the next year and compete with the other candidates for that year.

- 6) Upon acceptance to the Vascular Sonography Program, you will need to have access to a computer that meets the standards of the most recent computer technology. Your computer and its applications must compare to those offered on the Jackson College campus. Please inquire with Jackson College's Information Technology Department for more information or review their web page at <https://www.iccmi.edu/information-technology/>

You must be able to upload and download documents and attach documents to an email. You must also be familiar with operation of the above application programs.

**Media, software and Technology Requirements:** recording device, microphone, headset, CD-ROM, latest version of Google Chrome and Mozilla Firefox, OneDrive. Do not use Safari, Edge, or Opera with Jetnet.

If you are going to do your work from your home computer, you must have an ISP at the start of your course. This allows you to start on your material as soon as you gain access to your course.

**VASCULAR SONOGRAPHY POINT SYSTEM**

<b><u>Criteria</u></b>		<b><u>Possible Points</u></b>
<b>Academic</b>		
Previous degree earned <i>(submit documentation of this degree with your application)</i>		Yes = 1    No = 0
Previous Science or Allied Health degree earned		Yes=5    No=0
Allied Health experience <i>Please provide a Professional Reference that demonstrates verification of Allied Health Experience. (This experience pertains to hands on medical experience including clinical and within the past 5 years, including but not limited: Radiographic Technologist, Sonographer, RN, Physical Therapist)</i>		1 – 5 years = 1 Over 5 years = 5
MAT 131 Intermediate Algebra		2.0 = 0 2.5 = 0.5 3.0 = 1 3.5 = 2 4.0 = 3
DMS 100 Intro to Diagnostic Medical Imaging		3.0 = 0 3.5 = 1 4.0 = 2
BIO 132 or BIO 155 or BIO 253 and BIO 254 Human Biology or Human Anatomy & Physiology		3.0 = 1 3.5 = 3 4.0 = 4
MOA 120 Medical Terminology		3.0 = 0 3.5 = 2 4.0 = 3
DMS 104 Intro to Sonographic Instrumentation		2.0 = 0 2.5 = 0.5 3.0 = 2 3.5 = 4 4.0 = 6
College GPA <i>If less than 12 credits have been completed at JC, a copy of all transfer credit must be provided to the Allied Health Office along with your application. The average GPA will be calculated from those transcripts.</i>		2.5=1 3.0=2 3.5=3 4.0=4
HOC 130 Intro to Health Occupations		3.0 = 0 3.5 = 0.5 4.0 = 1
SEM 140 Seminar in Life pathways		Yes = 1    No = 0
Additional course <b><u>HIGHLY recommended</u></b> , not required DMS 108 Essentials of Sonography		3.0 = 1 3.5 = 2 4.0 = 3 <b>Repeated attempts = Maximum 1 Point</b>
<b>Interview</b>		
Communication	3	
Poise & Self Confidence	1	
Critical Thinking	2	
Professionalism	2	
Career Investigation On a Separate sheet of paper please respond to the following: 1) Write a 100-word essay reflecting what you find most interesting about vascular technology. 2) You will be successful as a vascular technologist because..... <i>Submit this documentation along with your application</i>		Yes = 1    No = 0

Withdrawals, Repeats or Low Grades in Prerequisite Courses:	
0 courses - W, R or Low Grades	5
1 to 2 courses - W, R, or Low Grades	2
3 or More Courses - W, R, or Low Grades < 2.0	0
<b>TOTAL Possible Points</b>	<b>52</b>

The selection process will be based on the following point system. The number of students selected into the Vascular Sonography program is determined by how many clinical sites are available to host the JC student(s).

## TECHNICAL STANDARDS FOR ADMISSION ALLIED HEALTH DEPARTMENT JACKSON COLLEGE

The Allied Health Department faculty has specified the following non-academic criteria which applicants generally are expected to meet in order to participate in the Department of Allied Health Sciences programs and professional practice. These technical standards are necessary and essential and have been developed to provide for the health and safety of the patients receiving care from the Allied Health Department program students.

**OBSERVATION** – The applicant must be able to participate in all demonstrations, laboratory exercises and clinical practicum in the clinical component and to assess and comprehend the condition of all patients assigned for examination, diagnosis and treatment.

**COMMUNICATION** – The applicant must be able to communicate with patients to effectively elicit patient compliance, understand and assess non-verbal communications; and be able to effectively transmit information to patients, physicians, paraprofessionals, faculty and staff in a timely way.

**PSYCHOMOTOR** – The applicant must have motor functions sufficient to elicit information from patients by appropriate diagnostic or therapeutic maneuvers; be able to perform basic tasks; possess all necessary skills to carry out diagnostic or therapeutic procedures; be able to interpret movements reasonably required to provide general care and emergent treatment/actions as necessary for patient safety and comfort.

**INTELLECTUAL / CONCEPTUAL INTEGRATIVE AND QUANTITATIVE ABILITIES** – The applicant must be able to measure, calculate, reason, analyze, evaluate, and synthesize information and observations. Problem solving, the critical skill demanded of Allied Health Practitioners, requires all of these cognitive abilities. In addition, the applicant must be able to comprehend three-dimensional structures and understand the spatial relationships of these structures.

**BEHAVIOR AND SOCIAL ATTRIBUTES** – The applicant must possess the emotional health required for full utilization of intellectual abilities; execute appropriate medical judgment; the prompt completion of assigned or non-assigned responsibilities for care of and service to the patient; and the development of supportive and effective relationships with patients. Applicants must be able to tolerate physical and mental work loads, function effectively under stress, adapt to changing environments and conditions, display flexibility and function in the face of uncertainties inherent in the clinical setting and with patients. Compassion, integrity, concern for others, interest and motivation are personal qualities with each applicant should possess.



**TECHNICAL STANDARDS AND FUNCTIONS THAT ARE  
REQUIRED TO SUCCESSFULLY COMPLETE AN ASSOCIATE  
IN APPLIED SCIENCE DEGREE IN VASCULAR SONOGRAPHY**

**STANDARDS**

**FUNCTIONS**

Vision sufficient to differentiate shades of gray and color and to observe diagnostic real-time images. Vision sufficient to delineate ill-defined structures, borders, anatomical structures and pathological entities in three-dimensional projections.	Scanning with real-time Sonography system for the purpose of delineating normal anatomical structures from abnormal pathological entities.
Vision sufficient to be able to read and accurately complete reports and charts.	Reading and completing of charts, reports and interpretation of requisitions.
Speech sufficient to be understood by others; ability to understand the communication of others.	Communicating with patients, and other health care professionals.
Hearing sufficient to differentiate Doppler signals.	Conduct Doppler studies of anatomical arterial and venous structures for the purpose of diagnosing abnormal blood flows and pathological states.
Vision and physical coordination sufficient to perform scanning tasks accurately, efficiently and safely.	Manipulating of transducer while observing real-time image and conducting diagnostic study.
Sufficient fine motor functions and coordination to perform tasks involving manipulation of scan probes, instrument panels, patient position and safety.	Obtaining diagnostic real-time images for diagnostic interpretation.
Sufficient muscle strength, lower back and knee stability to handle patients in a safe manner.	Lifting and transferring of patients, physically assisting patients, moving and manipulation of ultra-Sonography systems.
Sufficient psychological stability and knowledge of techniques/resources to be able to respond appropriately and efficiently in emergent situations in order to minimize dangerous consequences either patient related or environment related.	Recognizing and responding appropriately in emergency situations.
Ability to sit or stand for extended periods of time, up to 7-8 hours per day.	Scanning requires sitting or standing for extended periods of time.
Ability to learn technical, medical, and pathophysiological information.	Completion of clinical and didactic components of program requires ability to learn.

You need to be able to perform each of these tasks with or without accommodation. If an accommodation is necessary because of a disability it is your responsibility to provide documentation and to request accommodation. The college will endeavor to satisfy requests for reasonable accommodations however it is not guarantee