

Central Ohio Technical College

Diagnostic Medical Sonography Technology



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Agenda

- Profile of Sonographers
- Job Opportunities and Outlook
- COTC's program requirements and admission/selection

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DMS Program Accreditation

Program is accredited by the Commission for the Accreditation of Allied Health Education Programs, overseen by the Joint Review Commission on Education in DMS.

Graduates of the DMS program are eligible to sit for the National Credentialing/Registry Examinations

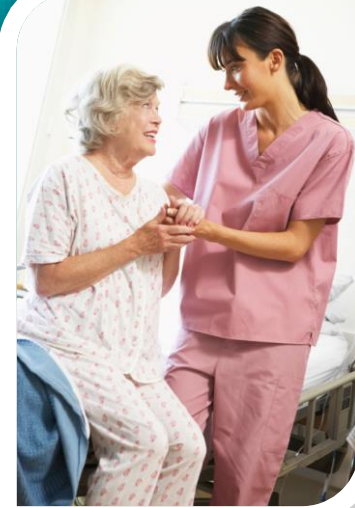


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Program & Profession

- Hands on program—Numerous Scan Labs
- Science and Math-based program
- Rigorous program
- Physical Job / Stand 80% of the day
- Strong communication skills / professionalism
- Ultrasound—more than babies
- Invasive Procedures (biopsies, surgical intervention, body fluids)
- On-call responsibilities
- 1st, 2nd, 3rd shift / weekend employment opportunities
- Providing care to sick or critically ill/injured patients in acute situations



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Job Opportunities

- Hospitals
- Emergency Departments
- Imaging & Diagnostic Imaging Centers
- Physician Offices
- Urgent Care Centers
- Health Facilities

Most graduates
secure employment
prior to graduation!

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Job Outlook

- **Employment needs expected to grow faster than the average**
- **Median earnings generally start at \$70,000+** *Occupational Outlook Handbook 2020*



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Sonography Facts



- There are 10+ accredited DMS programs in Ohio.
- Competitive job market
- COTC Graduates continue to be highly sought after by employers
- Certification/credentialing is required by employers
 - American Registry of Diagnostic Medical Sonographers
 - Cardiovascular Credentialing International
- The majority of COTC DMS graduates earn their credentials PRIOR to graduation.
- Certification/credentials are **national** for Sonographers.
 - Once you earn you credentials, you can work in any state.

Sonography Specialties & Credentials you can earn at COTC



CARDIAC / VASCULAR:

RDCS

Registered Diagnostic Cardiac Sonographer

Specialty: Adult Echo (AE)

RVT

Registered Vascular Technologist

RVS

Registered Vascular Specialist

ABDOMEN / OBGYN:

RDMS

Registered Diagnostic Medical Sonographer

Specialties: Abdomen (AB)
Obstetrics & Gynecology (OB)

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Program Prerequisite Courses

Must take the following courses prior to the application deadline
and receive a “C” grade or higher

MATH 140 College Algebra (preferred) or College-Level Math

PHYS 105 Elementary Physics

* courses can be in progress spring semester of the deadline

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DMS APPLICATION REQUIREMENTS



- Apply for admission to COTC (no application fee)
- Complete remedial coursework (if required)*
- Submit official high school transcript or GED and transcripts
 - ALL colleges/universities or adult education programs
- Attend Health Information Meeting with Advisor (valid for 12 months)
- Complete SONOGRAPHY INFORMATION COURSE Online on DMS website
- Complete required program prerequisite courses*
- Take the HESI exam (scores valid for 12 months)
- Submit online DMS application by application deadline

*courses can be in progress spring semester of the deadline

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Transcripts

Must have all **final official transcripts** on file prior to submitting DMS application.

- High school or GED and all previously or currently enrolled postsecondary institutions including colleges and career centers (official transcripts must be in a school sealed envelope or sent electronically directly to COTC Records).

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Transcripts

- Students who completed College Credit Plus or Post-Secondary courses while in high school must request transcripts from the College providing credit.
- Students who attended multiple institutions must request a transcript from each institution attended.
- Students who withdrew from a college before completing any courses must verify if they have a transcript on file. If so, they must request a transcript.

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Transcripts

- Students with continuing education credit or employment training provided through a college must request a transcript.
- Students who attended a permanently closed institution will still need to provide a transcript. Please visit the Ohio Department of Education website for information on how to request from a closed institution.
- International high school and college transcripts must be evaluated by a current member of NACES (www.naces.org) and an official report must be sent directly to COTC Records.
- Students who are unsure of past institutions they have attended may view their educational attendance history through the National Student Clearinghouse – <https://www.studentclearinghouse.org>

HESI A2

Health Education Systems, Inc.

- Valid for 12 months
- Current cost is \$50 and is administered at COTC, offered on ALL campuses
- HESI A2 exams will only be available in-person
- COTC does NOT offer remote-online exams
- No minimum score needed to apply to program
- Scores are automatically sent over to records
- MOST RECENT scores used for application
- Study guide materials, including practice exams are available on the HESI webpage
- <https://www.cotc.edu/post/health-applicant-exam>
- Test must be completed by program application deadline

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HESI A2

Health Education Systems, Inc.

Transfer from or taking at another location?

- Scores can be sent from any testing location as long as they meet the following criteria:
 - It must be administered in-person. No remote exams will be accepted.
 - The test must have **exactly** the same subjects our HESI A2 covers - **no more, no less.**

Subject Areas:

1. Reading Comprehension
 2. Vocabulary & General Knowledge
 3. Basic Math Skills
 4. Biology
 5. Chemistry
- The score transcript must be ordered from HESI and sent directly to cotcrecords@mail.cotc.edu to be verified.
- * Additional fees will apply

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Sonography Information Course

After you have completed the short online Sonography Information Course:

You will complete the form/questionnaire in the link provided at the end of the course

Your information and documentation of completion will automatically be sent to the COTC GATEWAY.



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The DMS Program courses are lockstep, meaning they must be taken in a specific order

The majority of DMS courses are daytime

Very few DMS courses are online and/or offered in the evening

You may take any of the General Education courses listed on the DMS plan of study at any time, any semester, in any format available, and on any campus

If selected, especially in the 2nd & 3rd years of the program, students will need to plan life and work around program schedule.

- On campus 2 days a week and in clinical 3 days a week

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Application Deadlines

- ✓ APPLICATION DEADLINE for DMS is **May 1**
- ✓ Applications available one month prior to deadline. Request from your assigned advisor or email cotcadvising@mail.cotc.edu
- ✓ If eligible, your advisor will email you an application link. Your application will be submitted online.
- ✓ Incomplete applications and requirements will not be accepted or reviewed.

Selection Criteria

- **GPA: Blended High school/ College GPA**
- **HESI exam scores**

Blind Selection Process

Students are ranked and the top students are offered a seat



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Selection Facts



- It is advised that students apply to both programs (General & Cardiovascular)
- You can designate your 1st choice vs. 2nd choice on the DMS application

Approximately how many are selected?

General: 10 students

Cardiovascular: 12 students

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What Happens After Applying?

All applicants will be notified of selection via **COTC** email approximately **4 weeks after** the application deadline

*June

SELECTED STUDENTS will attend a MANDATORY DMS Orientation Meeting (Late July or Early August)

- Failure to attend orientation will FORFEIT your seat

NON-SELECTED STUDENTS:

- Please meet with your advisor to discuss a plan of action / re-application

Always have a Plan B

SELECTED STUDENTS

After orientation meeting:

- 1) Selected students will be required to complete a **Nationwide FBI & BCI Background checks**
 - Fee (1 copy for college, 1 mailed to you)
 - No Felonies / Some Misdemeanors may also disqualify (will handle case by case)
- 3) Selected students will be required to complete a **Drug Screening**
 - Fee
 - Zero tolerance policy

More information will be
provided during orientation

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The Gateway

Newark 740-366-9222

Pataskala 740-755-7090

Knox 740-392-2526

Coshocton 740-622-1408

cotcgateway@cotc.edu

Contact your academic
advisor directly.

Contact Information



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