

# Allen College Sonography DCS and DMS

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## Online Shadowing Experience



Allen College  
UnityPoint Health

# Module 1

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Watch the video:

[Sonography - A Sound Career Choice](#)

[SDMS](#) - Society of Diagnostic Medical Sonography

Please answer the following questions:

1. What is ultrasound used for?
2. What knowledge does the sonographer use to perform their job?
3. A transducer transmits what type of sound waves?
4. How does ultrasound differ from x-ray?
5. Vascular ultrasound evaluates blood flow of what vessels?
6. What employment opportunities are available to sonographers?
7. The U.S. Bureau of Labor statistics predicts the percentage of growth of sonography between now and 2024 to be?

# Module 2

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Watch the video:

[What Is a Sonographer](#)

Please answer the following questions:

1. Ultrasound is similar to what system used by boats or ships?
2. Sonographic images of liver, kidneys, spleen are shown. How would you describe the color (or lack of color) seen in these images of the organs?
3. What substance does the sonographer apply to the patient's abdomen prior to taking images?
4. What does the transducer do?
5. Some sonographic exams require that the patient fast before the procedure. How long should the patient not eat or drink before the exam?
6. How long does an average ultrasound exam take?

# Module 3

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Watch the video:

[AIUM](#)  
[Jumpstart Your](#)  
[Sonography Career](#)

Please answer the following questions:

1. “A sonographer is a healthcare professional who uses soundwaves to create diagnostic images of the human body.” What other information does the sonographer provide and for whom?
2. What skills should the sonographer have to perform their job?
3. What body areas were scanned during the video?
4. What did the sonographers find rewarding about their profession?
5. Why is critical thinking essential for a sonographer?

# Module 4

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Watch the video:

Society of Diagnostic  
Medical Sonography

[Episode #1 of Real Talk  
Sonography:](#)

In three words, what  
does sonography mean  
to you?

Please answer the following questions:

1. Describe what sonography means to the sonographers in the video?
2. What did you learn from watching this video?