

# DIAGNOSTIC CARDIAC SONOGRAPHY

## Program Description

Diagnostic Cardiac Sonography is a program that prepares individuals who under the supervision of physicians utilize medical ultrasound techniques to gather sonographic data used to diagnose a variety of conditions and diseases. Diagnostic cardiac sonographers create pictures of the human heart using high frequency sound waves. The program includes instruction in obtaining, reviewing, and integrating patient histories and data; patient instruction and care; anatomic, physiologic and pathologic data recording; sonographic data processing; sonography equipment operation; and professional standards and ethics. Attributes/skills needed include: compassionate and emotionally mature, good eye/hand coordination, mechanical aptitude, interest in math and physical science, ability to work with all types of people and be part of a team, ability to calm nervous patients, ability to stand/walk for long periods of time, work with precise limits or standards, make decisions using personal judgment, ability to work independently, ability to picture forms in space, understand the meanings of words and present information clearly, ability to work under pressure and handle emergencies.

The Diagnostic Cardiac Sonography Associate Degree program at Scott Community College is a two-year, full-time program admitting a limited number of students every year. Classroom instruction is coupled with supervised clinical experiences at local hospitals and clinics.

## Award Options

Diagnostic Cardiac Sonography Associate of Applied Science Degree

## Job Outlook

Employment of sonographers is expected to increase by about 44 percent during the next decade, faster than the average for all occupations. As the population grows and ages, there will be an increasing demand for diagnostic imaging. The median annual wage of a cardiac sonographer was \$60,350 in 2014.

For details, please visit this link <http://www.bls.gov/ooh/>

## Special Note

There are unique requirements for admission to the Sonography program. Students are required to have previously earned an Associate of Applied Science (AAS) or higher level degree in a health-related field. For more information, please contact the program director or admissions staff.



**THE** *Community's College*



**SCOTT COMMUNITY  
COLLEGE**

**Program Director**

**Jodi McGivern RDMS, RVT**

563-441-4268

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[www.eicc.edu](http://www.eicc.edu)

Toll-free 1-888-336-3907

**Our Web Links:**

[www.eicc.edu/apply](http://www.eicc.edu/apply)

[www.eicc.edu/visit](http://www.eicc.edu/visit)

[www.eicc.edu/programs](http://www.eicc.edu/programs)

[www.eicc.edu/daretocompare](http://www.eicc.edu/daretocompare)

[www.eicc.edu/financialaid](http://www.eicc.edu/financialaid)

[www.eicc.edu/catalog](http://www.eicc.edu/catalog)

# DIAGNOSTIC CARDIAC SONOGRAPHY

## Diagnostic Cardiac Sonography AAS Degree

### PREREQUISITE COURSES

		<b>Credits</b>
BIO: 157	Human Biology <b>OR</b>	4.00
BIO: 168	Human Anatomy and Physiology I <b>OR</b>	
BIO: 173	Human Anatomy and Physiology II	
ENG: 105	Composition I <b>OR</b>	3.00
SPC: 112	Public Speaking	
HSC: 113	Medical Terminology	2.00
PHI: 105	Introduction to Ethics	3.00
PSY: 111	Introduction to Psychology <b>OR</b>	3.00
SOC: 110	Introduction to Sociology	

### Select 1 Physics Requirement from the options below:

<b>Option 1</b>		
PHY:185	Conceptual Physics Fundamentals I [2.00 credits] <b>AND</b>	4.00
PHY:186	Conceptual Physics Fundamentals II [2.00 credits]	
<b>Option 2</b>		
RAD:420	Radiographic Physics [4.00 credits]	
<b>Option 3</b>		
PHY: 162	College Physics [4.00 credits] <b>AND</b>	
PHY: 172	College Physics II [4.00 credits]	
<b>Option 4</b>		
RAD: 800	Physics for Radiographers [3.00 credits]	

19.00

### TERM 1

ADI: 111	Sonography Principles & Instrumentation I	2.00
ADI: 262	Sectional Anatomy for Diagnostic Imaging	3.00
ADI: 256	Cardiac Sonography I	4.00
ADI: 803	Cardiac Sonography Clinical Education I	9.00
		<u>18.00</u>

### TERM 2

ADI: 265	Cardiac Sonography II	3.00
ADI: 808	Cardiac Sonography Clinical Education II	6.00
		<u>9.00</u>

### TERM 3

ADI: 210	Sonography Principles & Instrumentation II	3.00
ADI: 275	Cardiac Sonography III	3.00
ADI: 813	Cardiac Sonography Clinical Education III	10.50
		<u>16.50</u>

### TERM 4

ADI: 277	Cardiac Imaging Interpretation and Critique	2.00
ADI: 285	Cardiac Sonography IV	2.00
ADI: 823	Cardiac Sonography Clinical Education IV	11.00
		<u>15.00</u>

**Diagnostic Cardiac Sonography AAS Total .....77.50**

## Clinton Community College

1000 Lincoln Boulevard,  
Clinton, IA 52732  
563-244-7001  
1-800-638-0559

[www.facebook.com/clintoncommunitycollegeia](http://www.facebook.com/clintoncommunitycollegeia)

### Admissions Officer

**Heather Evans**

[hlevans@eicc.edu](mailto:hlevans@eicc.edu)  
563-244-7007  
FAX 563-244-7107

## Muscatine Community College

152 Colorado Street,  
Muscatine, IA 52761  
563-288-6001  
1-800-351-4669

[www.facebook.com/muscatinecommunitycollege](http://www.facebook.com/muscatinecommunitycollege)

### Admissions Officer

**Kari Hanson**

[khanson@eicc.edu](mailto:khanson@eicc.edu)  
563-288-6007

## Scott Community College

500 Belmont Road,  
Bettendorf, IA 52722  
563-441-4001  
1-800-895-0811

[www.facebook.com/scottcommunitycollege](http://www.facebook.com/scottcommunitycollege)

### Admissions Officer

**Kelsey King - Belmont Campus**

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563-441-4007  
FAX 563-441-4101

**Amy Herrig - Urban Campus**

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563-336-5258

[www.eicc.edu](http://www.eicc.edu)



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If you have questions or complaints related to compliance with this policy, please contact Debora J. Sullivan, Equal Employment Opportunity Officer / Equity Coordinator, Eastern Iowa Community College District, 101 West Third Street, Davenport, Iowa 52801, 563-336-3487, [djsullivan@eicc.edu](mailto:djsullivan@eicc.edu) or the Director of the Office for Civil Rights, U.S. Department of Education, Citigroup Center, 500 West Madison Street, Suite 1475, Chicago, Illinois 60661-7204, phone number 312-730-1560, fax 312-730-1576, OCR. [Chicago@ed.gov](mailto:Chicago@ed.gov).