

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.

Admission Requirements

There are unique requirements for admission to the Sonography program. Students are required to have previously earned an Associates in Applied Science (AAS) degree in a health-related field involving direct patient care and a 12 month clinical component, or bachelor's degree or higher in any field.

Eastern Iowa Community Colleges' Radiologic Technology, Respiratory Care and Nursing programs are all examples of degree programs that fit these requirements.

Information about the application process and admission requirements for the Sonography program can be found at www.eicc.edu/sonography or by contacting the program director.

Award Options

Diagnostic Cardiac Sonography, Associate of Applied Science Degree

Non-discrimination Statement / Equal Educational Opportunities

It is the policy of Eastern Iowa Community College District not to discriminate in its programs, activities, or employment on the basis of race, color, national origin, sex, disability, age, sexual orientation, gender identity, creed, religion, and actual or potential family, parental or marital status, as required by the Iowa Code §§216.6 and 216.9, Titles VI and VII of the Civil Rights Act of 1964 (42 U.S.C. §§ 2000d and 2000e), the Equal Pay Act of 1973 (29 U.S.C. § 206, et seq.), Title IX (Educational Amendments, 20 U.S.C. §§ 1681-1688), Section 504 (Rehabilitation Act of 1973, 29 U.S.C. § 794), and Title II of the Americans with Disabilities Act (42 U.S.C. § 12101, et seq.).

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 or the Director of the Office for Civil Rights U.S. Department of Education, John C. Kluczynski Federal Building, 230 S. Dearborn Street, 37th Floor, Chicago, IL 60604-7204, Telephone: (312) 730-1560 Facsimile: (312) 730-1576, TDD (800) 877-8339 Email: OCR.Chicago@ed.gov.



THE *Community's College*



**CLINTON, MUSCATINE
AND SCOTT COMMUNITY
COLLEGES**

Program Director

Jodi McGivern RDMS, RVT

563-441-4268

jmcgivern@eicc.edu

www.eicc.edu

Toll-free 1-888-336-3907

Our Web Links:

www.eicc.edu/apply

www.eicc.edu/visit

www.eicc.edu/programs

www.eicc.edu/daretocompare

www.eicc.edu/financialaid

www.eicc.edu/catalog

Tuition and fees subject to change by the EICC Board of Trustees.

DIAGNOSTIC CARDIAC SONOGRAPHY

Diagnostic Cardiac Sonography, AAS Degree

PREREQUISITE COURSES

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

Select 1 Physics Requirement from the options below:

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

19.00

TERM 1

ADI-111	Sonography Principles & Instrumentation I	2.00
ADI-256	Cardiac Sonography I	4.00
ADI-262	Sectional Anatomy for Diagnostic Imaging	3.00
ADI-803	Cardiac Sonography Clinical Education I	9.00
		18.00

TERM 2

ADI-265	Cardiac Sonography II	3.00
ADI-808	Cardiac Sonography Clinical Education II	6.00
		9.00

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
		16.50

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
		15.00

Diagnostic Cardiac Sonography, AAS Total77.50

Clinton Community College

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

www.facebook.com/clintoncommunitycollegeia

Admissions Officer

Heather Evans

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

Admissions Officer

Kari Hanson

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

Admissions Officer

Kelsey King - Belmont Campus

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563-441-4007
FAX 563-441-4101

Amy Herrig - Urban Campus

atherrig@eicc.edu
563-336-5258

www.eicc.edu



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