



## ECHOCARDIOGRAPHY AND DIAGNOSTIC MEDICAL SONOGRAPHY INFORMATION SHEET

Echocardiography and Diagnostic Medical Sonography are two very popular advanced certificates offered by Hudson Valley Community College. Applications are accepted on a rolling basis and ranked by date of complete application. Review begins every year on February 1<sup>st</sup>, for an August start term. The program duration is one full year from August to August.

### **Option 1: Associate's Degree in an Allied Health Program**

Applicants applying with an Associate's degree in an allied health program are required to submit the following for admission (Allied health programs may include, but are not limited to: Emergency Medical Technician-Paramedic, Polysomnography, Invasive Cardiovascular Technology, Radiologic Technology, Respiratory Therapy, Nursing, Occupational Therapy Assistant, Physical Therapy Assistant, MD or DO.):

- 2.5 cumulative average
- 8 credits of anatomy and physiology within 7 years of applying to program
- 4 credit college physics course
- 3 credit college mathematics course
- 3 credit college English course.
- 400 hours of direct hospital patient care experience (in most cases it would be part of your allied health degree program)
- 40 hour observation form in the Sonography specialty they are applying to. A 40 hour observation form can be obtained on our website and must be completed by the direct supervisor or sonographer in the department you completed your observation in.

If you are applying to the Medical Sonography Program, you must have 40 hours of experience in a Medical Sonography Department and if you are applying to the Echocardiography Program, you must have 40 hours of experience in an Echocardiography Department.

### **Option 2: Bachelor's Degree-Unrelated Discipline**

Applicants applying with a Bachelor's Degree without Hospital Patient Care Experience have to have the following Admission Requirements:

- Bachelor's Degree in any discipline from an accredited institution with a 2.5 GPA
- 8 credits of anatomy and physiology within 7 years of applying to program
- 4 credit college physics course
- 3 credit college mathematics course
- 3 credit college English course
- A minimum of 400 hours of Direct Hospital Patient Care Experience (form on the college's website)
- 40 hours of Observation within the 400 hours must be obtained in the Sonography specialty that the applicant is applying to A 40 hour observation form can be obtained on our website and must be completed by the direct supervisor or sonographer in the department you completed your observation in.

If you are applying to the Medical Sonography Program, you must have 40 hours of experience in a Medical Sonography Department and if you are applying to the Echocardiography Program, you must have 40 hours of experience in an Echocardiography Department.

**Direct Hospital Patient Care Experience (Must be a Paid Position) is defined as the following:** The applicant must have hands on experience that is not limited to observation and experience which provides patient contact such as transporting and proper body mechanics. This experience should be on a range of patients from ambulatory to critically ill.

**If a paid position cannot be obtained, the student may take the following courses as an alternative:**

- EMSP 100 – Emergency Medical Technician Basic &
- EMSP 101 – Emergency Medical Technician Internship