CVTECH-102: Introduction to Cardiovascular Technology

Course Description:

This course will introduce distinctive areas of Cardiovascular Technology and the role of the technologist. Topics include invasive and noninvasive procedures, department orientation, medical terminology, blood-borne pathogens, medical ethics, emergent situations and nonpatient-related emergencies. Research papers on a variety of related topics and a group project will be required. Guest speakers and site visits to local health care/diagnostic facilities may be scheduled.

Total Credits: 2.00

Course Competencies

1. Trace the historical aspects of CVT
2. Summarize the basic organization of CV departments including roles, function and primary & ancillary duties of all personnel
3. Outline the steps taken in non-patient emergencies
4. Outline initial and ongoing credentialing process, post graduate continuing education and professional organizations
5. Explain safety regulations regarding bloodborne pathogens
6. Work as a member of a CVT team
7. Respect patient's rights and needs following standard hospital policy
8. Utilize mathematics in converting time, weight and temperature from English to metric units
9. Classify the types of procedures commonly performed in CVT departments
10. Examine HIPAA
11. Research a CVT topic of your choice