GROSSMONT COLLEGE

COURSE OUTLINE OR RECORD

Curriculum Committee Approval: 02/22/2022

GCCCD Governing Board Approval: 03/08/2022

CARDIOVASCULAR TECHNOLOGY 250 – CLINICAL PRACTICUM III

1. Course Number Course Title Semester Units

CVTE 250 Clinical Practicum III 5

Semester Hours

15 hours laboratory 240-270 laboratory hours 240-270 total hours

1. Course Prerequisites

A “C” grade or higher in CVTE 220.

Corequisite

None

Recommended Preparation

None

1. Catalog Description

This third laboratory course provides a continuation of clinical practicum for students in the Cardiovascular Technology Program. Emphasis will be on consolidating skills acquired in CVTE 220 and building upon those skills to advance the student toward program completion.

1. Course Objectives

The student will:

* 1. Display professional behaviors consistent with the role of the Cardiovascular Technologist.
  2. Develop and enhance cardiovascular skills and knowledge in the clinical setting under the guidance of the student’s proctor.
  3. Practice and self-appraise performance of skills used for diagnostic cardiovascular procedures/exams, with Invasive students engaging interventional procedures as applicable.
  4. Prioritize tasks, decisions, and workflow common to the clinical site the student is assigned.
  5. Work independently as directed by their clinical proctor.

1. Instructional Facilities

Local hospitals and clinics.

1. Special Materials Required of Student
   1. Grossmont College issued picture identification.
   2. CVT Program Navy scrubs/uniform.
   3. Radiological Dosimeter (Issued by Health Professions Lab Tech for Invasive students only).
2. Course Content:
   1. Clinical experience in area of emphasis:
      1. Adult Echocardiography Lab
      2. Cardiac Catheterization Lab
      3. Vascular Ultrasound Lab
   2. Application of skills/knowledge
   3. Patient care
   4. Procedural report writing
3. Method of Instruction
   1. Supervised clinical experience by proctors specializing in Echocardiography, Cath Lab, or Vascular ultrasound.
   2. The Cardiovascular Technology Program instructors will provide oversight.
4. Methods of Evaluating Student Performance
   1. Weekly Clinical Log Sheet which includes times in and out, a description of the cases in which the student is involved, how they were involved in each case, and the daily and weekly totals of hours.
   2. A mid-semester and final evaluation of the student’s performance will be written by the clinical proctor and assessed by the instructor with emphasis on professional behaviors, skills and knowledge appropriate for the level of learning of the student.
   3. Written case reports.
5. Outside Class Assignments
   1. Weekly clinical reports.
   2. Written case reports focused on a patient care experience of the student.
6. Representative Texts
   1. Representative texts:
7. (Adult Echo) Anderson, Bonita. *Echocardiography : The Normal Examination and Echocardiographic Measurements.* Cardiotext Publisher. 2017.
8. (Invasive) Sorajja MD, Paul, and Lim MD, Michael J, and Kern MD, Morton L. *Kern's Cardiac Catheterization Handbook. 7th Edition.* Elsevier Health Sciences. 2019.
9. (Vascular) Size, Gail P. *Inside Ultrasound: Vascular Reference Guide. 1st Edition.* Davies Publishing, Inc. 2013.
   1. Supplementary texts and workbooks: None.
10. Addendum: Student Learning Outcomes

Upon completion of this course, the student will be able to:

* 1. Demonstrate the professional behaviors of an “entry-level” cardiovascular technologist.
  2. Apply the technical skills expected of an “entry-level” cardiovascular technologist.
  3. Utilize cardiovascular knowledge to assess and treat patients as an “entry-level” cardiovascular technologist.