



## **Anesthesia Critical Care Technician**

Title: Anesthesiology Critical Care Technician  
Duration: College Based Training (8 months)  
Training Provider: Community College of Baltimore County  
Learning Objective: As a result of this training employees will be prepare for the certification required by this position. Employees will be able to prepare the patient/machine interface for the delivery of anesthesia and the management of the patient during surgery. Assists in the sterile and aseptic preparation of the patient for the placement of pulmonary artery, central venous and, arterial and venous monitoring lines. Maintains all anesthesia equipment before, during, and after the operative procedure. Obtains physiologic samples for analysis, obtains physiologic readings by using invasive monitors and provides data to the anesthesia team responsible for the Critical Care Management of the patient during the surgical process.

Prior to this training the state of Maryland did not have an Anesthesia Critical Care Technician Program. The project worked closely with the department and the college to create this program. The college worked with the Anesthesia certifying board to put together the coursework, hired an instructor and worked with the departments to set up the clinical portion of the training.

This training served two hospitals in the health system: Johns Hopkins Hospital and Bayview Medical Center. The hospitals collaborated on the clinical structure of the training and provided the clinical instructors. The college coordinator of this training has a medical background and often visited the participants on the job during the clinical portion of the training to check on their progress.

Originally, the curriculum was set up to have the classroom and clinical portions occur at the same time (one day classroom and the other day on-site clinical work). This was not the best arrangement and was adjusted to have the classroom portion first and then the clinical portion. The departments believed that there needed to be more time for clinical instruction and that two days a week of training was a tight schedule. Participants worked at both hospitals, which provided exposure to a facility that they may not have had an opportunity to see. However, it was suggested that we try to build in an even more diverse clinical rotation and include other hospitals in the future.

For information regarding the curriculum please select the following links:

CCBC