ANESTHESIA TECHNOLOGY (AT)

AT 110 PROFESSIONAL ASPECTS OF ANESTHESIA TECHNOLOGY
3 unit
Corequisite(s): *AT 111*

Enrollment Limitation: *Enrollment in the Anesthesia Technology Program*

Introduction to Anesthesiology's contribution to quality patient care and the relationship of the Anesthesia Technologist to other Healthcare professionals. Focus is on patient safety, universal precautions, and student safety in the Healthcare environment. Total of 54 hours lecture.
Grade Mode: *Letter Grade*

AT 111 BASIC PRINCIPLES OF ANESTHESIA TECHNOLOGY
3 unit
Corequisite(s): *AT 110*

Enrollment Limitation: *Enrollment in the Anesthesia Technology Program*

Introduction to the theory and concepts of functioning in a surgical environment including a fundamental understanding of a variety of anesthesia equipment and basic case set-up utilizing anesthesia supplies and equipment. Total of 54 hours lecture.
Grade Mode: *Letter Grade*

AT 112 ADVANCED PRINCIPLES OF ANESTHESIA TECHNOLOGY
3 unit
Prerequisite(s): *AT 111*

Corequisite(s): *AT 113, 114, and 116*

Enrollment Limitation: *Enrollment in an Anesthesia Technology Program*

Introduction to the theory and concepts of the use and function of anesthesia supplies and equipment used for various surgical procedures to include cases in: General, regional, and conscious sedation. Total of 54 hours lecture.
Grade Mode: *Letter Grade*

AT 113 ANESTHESIA PHARMACOLOGY
3 unit
Prerequisite(s): *AT 110 and 111*

Corequisite(s): *AT 112, 114, and 116*

Enrollment Limitation: *Enrollment in the Anesthesia Technology Program*

Introduction to the theory and concepts in the proper use and safe practice of delivery and storage of anesthesia medications which includes: Stocking of the drug cart and assisting anesthesia care provider in the preparation of medications. Total of 54 hours lecture.
Grade Mode: *Letter Grade*

AT 114 BASIC ANESTHESIA EQUIPMENT – THEORY AND LAB
3.5 unit
Prerequisite(s): *AT 111*

Corequisite(s): *AT 112, 113, and 116*

Enrollment Limitation: *Enrollment in the Anesthesia Technology Program*

Introduction to the theories and concepts in the adequate function of anesthesia equipment to include, maintaining equipment, repairing defects and trouble-shooting complications. Total of 54 hours lecture and 45 hours laboratory.
Grade Mode: *Letter Grade*

AT 115 ADVANCED ANESTHESIA EQUIPMENT – THEORY AND LAB
3.5 unit
Prerequisite(s): *AT 114*

Corequisite(s): *AT 117 and 118*

Enrollment Limitation: *Enrollment in the Anesthesia Technology Program*

Introduction to the theory and concepts of advanced anesthesia equipment used in cardiac, neurological, and trauma anesthesia. Total of 54 hours lecture and 45 hours laboratory.
Grade Mode: *Letter Grade*

AT 116 ANESTHESIA TECHNOLOGY CLINICAL EXPERIENCE I
5 unit
Prerequisite(s): *AT 111*

Corequisite(s): *AT 112, 113, and 114*

Enrollment Limitation: *Enrollment in the Anesthesia Technology Program*

Introduction to the theory and concepts of clinical practice in Obstetrical, Pediatric, and Outpatient anesthesia to include: General, regional and conscious sedation techniques. Total of 270 hours laboratory.
Grade Mode: *Pass/No-Pass*

AT 117 ANESTHESIA TECHNOLOGY CLINICAL EXPERIENCE II
5 unit
Prerequisite(s): *AT 116*

Corequisite(s): *AT 115 and 118*

Enrollment Limitation: *Enrollment in the Anesthesia Technology Program*

Introduction to the theory and concepts of advanced clinical practice skills. Students operate independently as anesthesia technologists in all aspects of patient care including: preoperative, intraoperative, and postoperative surgical phases. Total of 270 hours laboratory.
Grade Mode: *Pass/No-Pass*

AT 118 ANESTHESIA TECHNOLOGY CASE STUDY AND PROGRAM REVIEW
3 unit
Prerequisite(s): *AT 116*

Corequisite(s): *AT 115, 117*

Enrollment Limitation: *Enrollment in an Anesthesia Technology Program*

Capstone course utilizing theory and concepts of the clinical practicum for demonstrating safe and effective anesthesia care for all surgical patients to include: preoperative, intraoperative, and postoperative management. Total of 54 hours lecture.
Grade Mode: *Letter Grade*