

ACES' Nurse Anesthesia Program, Lucena City, Quezon, Philippines

Program director: Mark Anthony S. Cada, R.N.

Title: Registered Nurse, PAMS Certified Anesthesia Nurse

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INITIAL RECOGNITION: **May 2013**

RENEWAL: **June 2018**

Recognition valid until: **June 2023**

After applying for renewal the program was evaluated following the renewal process described in the International Federation of Nurse Anesthetists ANESTHESIA PROGRAM APPROVAL PROCESS (APAP): OPERATIONAL POLICIES AND PROCEDURES (pg7-8).

A current curriculum was presented to actualize the information about the program. Student and faculty evaluations were carried out and evaluated in March 2018. Following the review of all information, renewal of Recognition was granted based on the program's meeting eligibility requirements, ability to comply with the IFNA Education Standards, and attempts to continually improve.

Curriculum Overview

Degree/ Diploma / Certificate awarded: **Diploma in Anesthesia Nursing**

First Semester

Professional Aspects of Nurse Anesthesia

Topics related to nurse anesthesia program including history, professional roles and responsibilities, cultural diversity, ethical issues, Philippine Association of Nurse Anesthetists. 100% classroom based, one hour twice a week for 6 months

Physical Science in Nurse Anesthesia

Chemistry and physics related to anesthesia. Overview of biochemistry principles, medical mathematics and physics, focusing on gas laws, chemical structure of anesthetics, vaporizers, and the principles related to monitoring modalities. 100% classroom based, one hour 3 times a week for 6 months.

Basic Life Support

Cardiopulmonary resuscitation using the American Heart Association standards, including rescue breathing, foreign body airway obstruction 8 hours lecture, 8 hours hands on exercises

Introduction to ECG Interpretation

Basic Electrocardiography. Interpretation of ECG tracings through lectures, demonstrations and hands on exercises
8 hours lecture, 8 hours hands on exercises.

Advanced Life Support

Life-saving protocols and skills to extend Basic Life Support to further support the circulation and provide an open airway and adequate ventilation.

10 hours lecture, 14 hours hands on

Pharmacology

Comprehensive study of specific anesthetic drugs and their clinical use by the nurse anesthetist.

100% classroom, one hour three times a week for 6 months.

Anatomy, Physiology and Pathophysiology

100% classroom, 2 hours three times a week for 6 months

Principle of Anesthesia Practice I

Physiology of various positioning in surgery and anesthesia, nursing care plans, and the important principles of precautions and preventions.

100% classroom, one hour three times a week for 1 month.

Principles of Anesthesia Practice II

Principles of administration of general anesthesia with emphasis on anesthesia machines, vaporizers and monitoring devices.

100% classroom, one hour three times a week for 2 months

Principles of Anesthesia Practice III

Concepts of pre-operative, intra-operative and post - operative patient assessment as well as basic physiologic monitoring principles.

50% classroom

50% clinical, 2 hours every day Monday to Friday for 4 months

Principles of Anesthesia Practice IV

Concepts of practice including anesthesia techniques for head and neck, abdominal, orthopedic surgery, obstetrics and pediatrics.

50% classroom

50% clinical, 1 hour every day, Monday to Friday for 2 months,

Basic Assessment

Basic pre – anesthetic assessment principles. Initially, ASA I patients are evaluated. Focus is on normal assessment findings.

25% classroom

75% clinical.

Regional Anesthesia: Theories and Techniques

25% classroom

75% clinical (inside the Operating Room). 6 months.

General Anesthesia

25% classroom

75% clinical. 6 months.

Clinical Practicum

Clinical experience in hospitals on a rotating basis using appropriate principles of anesthesia practice.

Second Semester

Professional Aspects of Anesthesia II

100% classroom, one hour 2 times a week for 2 months

Advanced Assessment

25% classroom

75% clinical. Monday to Friday one hour/ day

Pharmacology II: Pharmacology of Anesthetic Agents

100% classroom, one hour three times a week for 6 months.

Advanced Anatomy, Physiology and Pathophysiology

100% classroom

Principles of Pharmacology and Critical Care

100% classroom, one hour three times a week for 6 months.

Anesthesia Seminars

100% classroom, one hour/ week for 6 months

Research

100% classroom, two months.

Anesthesia and Co-existing Diseases

50% classroom

50% clinical

Third Semester:

Clinical Practicum (3rd Semester)

25% classroom

75% clinical.