

Anesthetic Nurse Specialist, Lahti University of Applied Sciences

Mukkulankatu 19

15210 Lahti

Finland

Program Director: Ms. Hannele Tiittanen

INITIAL Registration effective: May 2019 - 2024

After applying for level 1 Registration 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 2017 (<http://ifna.site/app/uploads/2017/06/Operational-Policies-APAP-June-2017.pdf>).

A current curriculum was presented. Initial Registration was granted based on the program's meeting eligibility requirements.

Curriculum Overview

Degree/ **Diploma** / Certificate awarded: **Anesthetic Nurse Specialist**

Semester I (8 ECTS)

Clinical expertise in anesthetic nursing 5 ECTS

Development and consultation skills 1 ECTS

Cooperative skills and occupational competence 2 ECTS

Semester II (12 ECTS)

Clinical expertise in anesthetic nursing 5 ECTS

How to act in an emergency 3 ECTS

Development and consultation skills 2 ECTS

Cooperative skills and occupational competence 2 ECTS

Semester III (5 ECTS)

How to act in an emergency 2 ECTS

Development and consultation skills 2 ECTS

Cooperative skills and occupational competence 1 ECTS

Practical training in anaesthetic nursing **5 ECTS**. The participants can choose when they want to complete the practical training. This can be done during the semesters II-III.

Total: 30 ECTS. 1 ECTS equals to 30 working hours

Objectives

- Perform, document and develop clinical anesthetic nursing skills in a responsible manner and according to national and international competence standards
- Take professional and ethical responsibility regarding decision-making in the different phases of a patient's treatment process
- Perform customer-oriented, safe and evidence-based anesthetic nursing in various operating environments

- Expand the pharmacological and clinical physiology competence required in anesthetic nursing
- Recognise and meet the special needs of demanding treatment

Content

- Anesthesiology and intensive care in anesthetic nursing
- Infection control
- Technological anesthetic nursing skills
- Patient surveillance and monitoring
- Anatomy and physiology (with particular attention to respiratory and circulatory systems)
- Pharmacology and clinical physiology
- Intravenous therapy and blood components
- Pain management
- Special anesthesia
- Documentation

Cooperative skills and occupational competence

Objectives

- Identify personal strengths and areas of development in multidisciplinary interaction and cooperation
- Promote collaborative approach to anesthetic nursing and act accordingly
- Develop personal capabilities to function in different networks
- Have situational awareness and understand personal role in crises

Content

- Self-management and multidisciplinary cooperation
- CRM in crisis communication
- Expert communication
- Networking skills

How to act in an emergency

Objectives

- Develop personal capabilities to identify and prevent deviations in a patient's basic physiological functions
- Capability of making quick decisions as a member of a multidisciplinary team in case of emergency
- Know how to react and function in different phases of anesthetic nursing in various emergency situations and how to evaluate the impact of treatment
- Develop personal capabilities to overcome mentally stressful situations

Content

- Reading an ECG and hazardous arrhythmias
- Urgency evaluation / The ABCDE Method
- Advanced life support
- Massive haemorrhage
- Difficult intubation procedures

- Trauma patients
- Paediatric emergency
- Professional well-being and debriefing

Development and consultation skills

Objectives

- Improve an organisation's capability to change
- Know how to analyse, develop and evaluate the needs for change within personal environment
- Have the capability to perform consultation and education tasks in the expert area of anesthetic nursing
- Know how to evaluate and apply evidence-based data in anesthetic nursing
- Know how to apply the principles of learning in the development of anesthetic nursing

Content

- Evidence-based operations
- Project management
- Principles of the learning skills
- Carry out a development project and publish the results

Practical training in anesthetic nursing

Objectives

- Strengthen and expand professional expertise by using the theories and skills included in the studies
- Develop personal capabilities to function in new anesthetic nursing environments

Content

- According to personal objectives