

SYLLABUS

Anaesthetic care, Practice I

7.5 credits B7004H

Anestesisjukvård, Verksamhetsförlagd utbildning I

Course syllabus admitted: Autumn 2022 Sp 1 - Present

DECISION DATE
2022-10-17

Anaesthetic care, Practice I 7.5 credits B7004H

Anestesisjukvård, Verksamhetsförlagd utbildning I

Second cycle, B7004H

Education level	Grade scale	Subject	Subject group (SCB)
Second cycle	U G#	Omvårdnad	Nursing Science

Entry requirements

B7001H Nursing in Emergency Care 7,5 hp
B7002H Medical Science in Emergency Care 7,5 hp

Selection

Examiner

Ulrica Strömbäck

Course Aim

After successfully completing the course, the student is expected to be able to plan and carry out general anesthesia of ASA I-II patients during planned procedures. The student will be able to show an advanced ability to jointly collaborate with the patient and family to identify needs for care and show the ability to lead and evaluate care measures. The student will additionally be able to describe and implement procedures under supervision to maintain patient safety in connection with anesthesia. The student will be able to apply the procedures, laws and use medical technology in connection with anesthesia. In addition, the student will be able to function as part of a team. The student will also be able to document anesthesiologic care and nursing and be able to formulate research questions scientifically based on qualitative research design. The student will be able to identify his/her need for additional knowledge in order to continuously increase their expertise to be able to provide safe care.

After successfully completing the course, the student is expected to be able to:

- Explain the relationship between nursing needs, risks and medically indicated measures in connection with anesthesia for patients risk assessed according to ASA I-II.
- Describe and apply procedures to maintain safe care in connection with anesthesia for patients risk assessed according to ASA I-II
- Describe the function of medical technology in anesthesiology
- Describe and explain various qualitative research methods, and be able to formulate research questions based on qualitative research design

Skills and abilities

After successfully completing the course, the student is expected to be able to:

- Perform, under supervision, anesthesiologic nursing and medically indicated measures for patients risk assessed according to ASA I-II
- Applying procedures to maintain safe and sustainable care in connection with anesthesia for patients at risk according to ASA I-II
- Based on secure transmission of communications, ensure the transfer of information within the healthcare team and to other professional groups
- Be responsible for and manage medical devices with a focus on safe care and sustainability
- Apply applicable relevant statutes and regulations, as well as local guidelines

Evaluation capability and approaches

After successfully completing the course, the student is expected to be able to:

- Show accuracy and judgment in the planning and implementation of anesthesiologic care and nursing for patients risk assessed according to ASA I-II
- Reflect on what a professional approach in collaboration with patients, their immediate family and other professional groups means based on intersectionality
- Take responsibility in their own professional development by identifying and evaluating their own needs for additional knowledge in order to continuously develop their skills

Contents

Surveillance, nursing interventions and medically indicated measures for persons cared for in anesthesia care risk-assessed ASA I-II.
Patients 'and immediate family experiences of anesthesia
Anesthesiologic nursing
Organization and teamwork
Ethics
Medical technology in anesthesiologic nursing
The nurse's core skills
Documentation of anesthesiologic care and nursing
Applicable statutes and regulations
Research ethics
Scientific documentation
Qualitative research methodology
Practicum/internship training in anaesthetic care.

Realization

Each course occasion's language and form is stated and appear on the course page on Luleå University of Technology's website.
Teaching and learning takes place by means of self-directed independent studies, lectures, study assignments, seminars and a practicum/internship under supervision. Participation in seminars and the practicum/internship placement is mandatory.

Examination

If there is a decision on special educational support, in accordance with the Guideline Student's rights and obligations at Luleå University of Technology, an adapted or alternative form of examination can be provided.
Written exam and/or seminar
Assessment of professional expertise
The grading criteria for Pass (G) is stated in the Study Guide.

Ordinarily only one reassignment will be allowed for the course with regard to the practicum/internship placement. If there are special reasons, an additional reassignment may be granted. What is meant by "special reasons" are those reasons stated in the Regulations from the Swedish National Agency for Higher Education, HSVFS 1999:1.

Remarks

The course is offered as part of a second-cycle study program within specialist training for nurse anesthetists and is a practicum/internship placement. This course, which contains a curricular segment with a practicum/internship (VFU element), is encompassed within the Special Rules for practicum/internship placements according to the decision of the Head of Department at the Department of Health Sciences, Luleå University of Technology.

Having attained an approved standard (passing grade) the VFU curricular segment in this course constitutes a special prerequisite for future VFU courses.

Literature. Valid from Autumn 2022 Sp 1

Edberg, A. (red.). Omvårdnad på avancerad nivå: kärnkompetenser inom sjuksköterskans specialistområden. (Senaste upplagan). Lund: Studentlitteratur.
Författningshandbok: för personal inom hälso- och sjukvården. (Senaste upplagan). Stockholm: Liber. (Lagar och författningar kan även hämtas via nätet)
Henricson, M. (red.). Vetenskaplig teori och metod: från idé till examination inom omvårdnad. (Senaste upplagan). Lund: Studentlitteratur.

Hovind, I.L. (red.). Anestesiologisk omvårdnad. (Senaste upplagan) Lund: Studentlitteratur
 Kvale, S. & Brinkmann, S. Den kvalitativa forskningsintervjun. (Senaste upplagan). Lund: Studentlitteratur.
 Lindahl, S., Winsö, O. & Åkeson, J. (red.). Anestesi. (Senaste upplagan) Stockholm: Liber
 Wiklund Gustin, L. & Bergbom, I. (red.). Vårdvetenskapliga begrepp i teori och praktik. (Senaste upplagan). Lund: Studentlitteratur AB.
 Willman, A. (red.). Evidensbaserad omvårdnad: en bro mellan forskning och klinisk verksamhet. (Senaste upplagan). Lund: Studentlitteratur.

Scientific articles will be added

Course offered by

Department of Health, Education and Technology

Modules

Code	Description	Grade scale	Cr	Status	From period	Title
0001	Evaluation of professional competence	U G#	6	Mandatory	A22	
0002	Individual written exam and/or seminar	U G#	1.5	Mandatory	A22	

Syllabus established

by Anna Öqvist, Director of Undergraduate Studies at the Department of Health, Education and Technology 2022-10-17