



Faculty of Health, Science and Technology
Nursing Science

Syllabus

Theory and practice in specialised theatre care in perioperative care with a focus on teamwork and leadership

Course Code:	KMA612
Course Title:	Theory and practice in specialised theatre care in perioperative care with a focus on teamwork and leadership <i>Teori och praktik i specialiserad operationssjukvård inom perioperativ vård med inriktning mot teamarbete och ledarskap</i>
Credits:	22.5
Degree Level:	Master's level
Progressive Specialisation:	Second cycle, has second-cycle course/s as entry requirements (A1F)

Major Field of Study:
OMA (Nursing Science)

Course Approval

The syllabus was approved by the Faculty of Health, Science and Technology 2026-01-27, and is valid from the Autumn semester 2026 at Karlstad University.

Prerequisites

Admission to the Study Programme for Specialist Nursing in Theatre Care.
The responsibility and competence of the operating theatre nurse in perioperative care (15 credits), and clinical training (6 credits) in the course The theory and practice of basic theatre care in perioperative care.

Upper secondary level Swedish 3 or Swedish as a second language 3, and English 6/A,
or
Swedish level 3 or Swedish as a second language level 3, and English level 2.

An equivalence assessment can be made.

Learning Outcomes

Upon completion of the course, students should be able to:

Knowledge and understanding

1. explain and give an account of how the perioperative care of a patient is to be planned, carried out, assessed, and documented in order to ensure risk patient safety,
2. explain and give an account of the responsibility and competence of the theatre nurse in relation to cooperation in the surgical team and other professions in perioperative care,
3. give an account of preparedness and organisation in connection with disasters and trauma and related to the theatre nurse's participation in the trauma team, and
4. give an account of the theatre nurse's leadership in relation to different organisational theories and the importance of budget work for the operations of theatre care.

Competence and skills

5. independently carry out, plan, assess, and document the patient's perioperative care based on evidence-based knowledge,
6. demonstrate and reflect upon a professional approach based on a diversity and equal treatment perspective in

perioperative care,

7. independently communicate and collaborate with other professions in the surgical team and consult with other professions to ensure and streamline the perioperative care work,
8. identify the patients' needs of care in relation to topographical anatomy and surgical methodology in general and special surgery,
9. be independently responsible for material and equipment being handled with maintained aseptic conditions and consider infection and complication prevention measures based on evidence and proven experience,
10. be independently responsible for ensuring that safety is maintained in the handling of medical/technical equipment related to current laws and guidelines,
11. be independently responsible for the handling and documentation of biological samples,
12. apply preparedness in complex situations and reflect upon and assess the care of seriously ill patients,
13. reflect upon and give an account of systematic quality development and patient safety work in perioperative care, and
14. use various teaching aids to demonstrate their care-related pedagogical skills,

Judgement and approach

15. reflect upon their own learning and needs for further knowledge to develop clinical competence,
16. reflect upon their own professional approach in relation to collaboration in perioperative care, and
17. demonstrate self-knowledge and empathy.

Content

The course integrates Nursing (5 credits) and Medical Science (17.5 credits), including 15 credits in clinical training. Instruction is in the form of lectures, skills training, literature studies, group work, individual assignments, clinical logbook, and seminars, as well as ten weeks of clinical placement with field studies.

This is a full-time hybrid course, which means that instruction and examinations take place during on-campus sessions at Karlstad University, at local group meetings in the student's home region, and through distance learning.

Perioperative care:

- the competence and responsibilities of the theatre nurse
- medical technology
- surgical methodology
- the perioperative nursing process
- catastrophe/trauma
- leadership

Clinical placement:

- planning of the patient's perioperative care
- communication and cooperation with the surgical team
- surgical methodology
- asepsis and hygiene
- topographical anatomy
- biological products
- medical technology
- professional conduct and approach
- preparedness to act
- cost awareness
- quality and improvement work
- documentation of the patient's perioperative care

Reading List

See separate document.

Examination

Students are assessed continuously throughout the course.

Assessment is based on individual and group assignments, presented orally and in writing:

- individual written assignment, discussed in a follow-up seminar
- individual e-examination
- written group assignment, discussed in a follow-up seminar
- assessment of performance during the clinical placement part 1 and part 2

Supplementary written examination is permitted if 1) material for the assessment of a learning outcome is lacking, or 2) the result is close to the requirements for a Pass grade. Additional material must be submitted within six days of notification.

The course includes clinical training divided into two parts: part 1 (5 weeks) and part 2 (5 weeks). Students who fail part 1 will be offered a new opportunity during the period originally scheduled for part 2, as students must pass part 1 before part 2 can begin. Students who fail to pass the clinical placement are entitled to an additional clinical placement period as soon as organisational circumstances allow. The number of examination opportunities for the clinical placement is limited to two.

If students have a decision from Karlstad University entitling them to Targeted Study Support due to a documented disability, the examiner has the right to give such students an adapted examination or to examine them in a different manner.

Grades

One of the grades Pass with Distinction (VG), Pass (G), or Fail (U) is awarded in the examination of the course.

One of the grades Pass (G) or Fail (U) is awarded in the examination of the clinical placement.

Quality Assurance

Follow-up relating to learning conditions and goal-fulfilment takes place both during and upon completion of the course in order to ensure continuous improvement. Course evaluation is partly based on student views and experiences obtained in accordance with current regulations and partly on other data and documentation. Students will be informed of the result of the evaluation and of any measures to be taken.

Course Certificate

A course certificate will be provided upon request.

Additional information

The local regulations for studies at the Bachelor's and Master's levels at Karlstad University stipulate the obligations and rights of students and staff.

The course is a mandatory course in the Study Programme for Specialist Nursing in Theatre Care.

The clinical placement may incur extra costs.

A student who, in the examiner's judgement, will fail to obtain a Pass grade for the clinical placement component on the grounds of grave and unprofessional skills and conduct that may cause injury may be required to immediately discontinue the clinical training. A student who suffers from mental disorder, abuses alcohol or drugs, or has been guilty of a serious offence endangering others or valuable property can be expelled until further notice. In such a case, the vice-chancellor files a complaint to the Expulsion Board of Higher Education, which investigates the matter and makes a decision. A decision of expulsion shall always entail that the student must discontinue the education until further notice. The Expulsion Board of Higher Education is responsible for all Swedish higher education institutions (the Higher Education Act, Chap. 4, sect. 6, SFS 1992: 1434, and Regulations of Student Expulsion from Higher Education SFS 2007: 989).