

SYLLABUS

Radiography Nursing techniques in position radiography with Clinical Practice 7.5 credits M0066H

Radiografi - omvårdnadstekniker med inriktning radiografi

Course syllabus admitted: Autumn 2019 Sp 1 - Autumn 2019 Sp 2

**DECISION DATE
2019-06-14**

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Radiografi - omvårdnadstekniker med inriktning radiografi

First cycle, M0066H

Education level	Grade scale	Subject	Subject group (SCB)
First cycle	U G VG *	Radiologi	Medicine

Entry requirements

In order to meet the general entry requirements for first cycle studies you must have successfully completed upper secondary education and documented skills in English language and In order to meet the general entry requirements for first cycle studies you must have successfully completed upper secondary education and documented skills in English language and Completed courses:

M0026H Medical Science: Anatomy and Physiology in position to Radiology

M0050H Radiation Science and Radiological Modalities

M0085H Radiography, basic course I

M0086H Radiography, basic course II

Selection

The selection is based on 1-165 credits.

Examiner

Veronica Jönsson

Course Aim

The student should, on completion of the course, with a holistic approach and ethical attitude, be able to:

- Demonstrate self-knowledge and empathetic ability
- Describe, apply and evaluate nursing interventions in connection with the implementation of nursing techniques and consider patient safety and security in connection with nursing interventions.
- Apply laws and regulations with a focus on medical engineering products and safety precautions.
- Apply and discuss established hygienic principles in healthcare
- Observe and interview to identify individual needs for nursing
- Formulate scientific issues and carry out a systematic literature search
- Apply scientifically according to established writing rules and reference management
- Identify the need for additional knowledge for continuous skill development

Contents

- The nursing process
- Nursing techniques
- Current hygienic principles in healthcare
- Ethics with a focus on action ethics
- Systematic literature search
- Observation and interview methodology
- Current laws and regulations
- Placement

Realization

Each course occasion's language and form is stated and appear on the course page on Luleå University of Technology's website.

The course offers students introductory and inspirational lectures and laboratory sessions in selected course sections in order to reach the course's objectives via the distance-bridging technology Adobe Connect and laboratory sessions that take place on campus. Real examples are obtained via the placement. The course examinations include an oral practical examination in nursing techniques that is introduced with laboratory exercises. The report scientific issue is formulated and implemented by a systematic literature search. These components are compulsory. Before each mandatory moment students should be well prepared. The content of course elements and its teaching methods specifically geared towards radiology nursing profession.

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. Individual oral practical examination that includes nursing techniques. Assessment of placement takes place in a two-party conversation between student and supervisor with the help of assessment criteria. The report in a scientific issue is formulated and implemented by a systematic literature search. Competence description and professional code of ethics for radiographers should stimulate and guide the student in their ethical arguments in this course and further in the education. These sections are compulsory. Alternative examination formats may be used. Only one re-examination/transfer is given for the course in relation to the placement. If there are special circumstances, additional retakes/transfers can be granted. Special circumstances are those stated in Regulations of the National Agency for Higher Education HSVFS 1999:1.

Remarks

This is a first-cycle course. This course must be passed before you can be admitted to the course M0057H. All examination sections must be finished at the latest in connection with the re-examination period in study period 4, i.e. the nearest previous study period. To do a placement in and carry out this course M0066H must you have passed the placement on the most-recent course M0057H.

This course, with clinical placement are subject to *Special rules regarding clinical placement* according to Head of Department decision.

Study supervision is in the course room in Canvas.

Overlap

The course M0066H is equal to O0051H

This course replaces O0051H

Literature. Valid from Autumn 2019 Sp 1

- Boman, L., & Wikström, C. (2014). Medicinsk teknik: Teori, planering och genomförande. Lund: Studentlitteratur
- Edberg, A. & Wijk, H. (red.) (2014). Omvårdnadens grunder. Hälsa och ohälsa. (2. uppl.) Lund: Studentlitteratur.
- Ehrenberg, A., & Wallin, L. (Red.). (2014). Omvårdnadens grunder: Ansvar och utveckling. (2 uppl.) Lund: Studentlitteratur
- Ehrlich, R.A. & Coakes, D.M. (2013). Patient care in radiography: with an introduction to medical imaging. (8. ed.) St. Louis, Mo.: Elsevier Mosby.
- Fossum, B. (red.) (2013). Kommunikation: samtal och bemötande i vården. (2. uppl.) Lund: Studentlitteratur.
- Friberg, F. (red.) (2012). Dags för uppsats: vägledning för litteraturbaserade examensarbeten. (2., [rev.] uppl.) Lund: Studentlitteratur.
- Friberg, F., & Öhlen, J. (Red.). (2014). Omvårdnadens grunder: Perspektiv och förhållningssätt. (2 uppl.) Lund: Studentlitteratur.
- Raadu, G. (Red.). (senaste upplagan). Författningshandbok. För personal inom hälso- och sjukvård. Stockholm:

Liber. www.socialstyrelsen.se/SOSFS.

Willman, A., Stoltz, P. & Bahtsevani, C. (2011). Evidensbaserad omvårdnad: en bro mellan forskning & klinisk verksamhet. (3., [rev.] uppl.) Lund: Studentlitteratur.

Kompetensbeskrivning för röntgensjuksköterskor och Yrkesetisk kod för röntgensjuksköterskor:

<http://swedrad.webbsajt.nu/>

Description of competence and professional ethics for radiographers:

<http://swedrad.webbsajt.nu/>

Reference literature may be added and is stated in the study guide.

Search books in the library »

Course offered by

Department of Health Sciences

Modules

Code	Description	Grade scale	Cr	Status	From period	Title
0001	Individual oral practical exam	U G VG *	3.5	Mandatory	A12	
0002	Clinical practice evaluation	U G#	3	Mandatory	A12	
0005	Laboration	U G#	0.5	Mandatory	A14	
0006	Report	U G#	0.5	Mandatory	A17	

Last revised

by Dean of Department of Health Sciences 2019-06-14

Syllabus established

by Prefekt vid Institutionen för hälsovetenskap 2012-03-14