Course Specifications
Valid as from the academic year 2018-2019

Clinical, Technical and Communicative Skills IV (D012362)

Course size
(nominal values; actual values may depend on programme)

Credits 4.0
Study time 120 h
Contact hrs 30.0 h

Course offerings in academic year 2018-2019
B (semester 1) Dutch

Lecturers in academic year 2018-2019
Christiaens, Thierry GE09 lecturer-in-charge
Pype, Peter GE21 co-lecturer
Reniers, Jan GE51 co-lecturer
Verstraete, Koenraad GE16 co-lecturer

Offered in the following programmes in 2018-2019

Master of Medicine in Medicine

Teaching languages
Dutch

Keywords
Practical medical teaching, clinical skills, technical skills, communicative skills,
diagnostic skills, therapeutic skills, rational ordering of medical imaging, rational
prescribing

Position of the course
In the continuum of clinical skills training Master I and II students learn to carry out a
history and physical examination in order to recognise pathology. They learn to critically
order medical imaging techniques, practice farmacotherapeutic problemsolving and
prescribe rationally, and to practice communication skills in situations where
communication with the patient is difficult;
especially dealing with anger, conflict, non-compliance. Conducting whole consultations
with inclusion of clinical skills.

Contents
Orthopedic examination and taping skills
Neurological and psychiatric examination
Examination of the newborn and gynecological examination.
First aid and reanimation
Video consultations with simulated patients with group discussion
Communication in difficult situations, especially dealing with psychosocial problems
within a consultation.
Interactive practical exercises on the use and the interpretation of medical imaging
techniques and rational prescribing.

Initial competences
The clinical, technical and communicative skills that have been acquired during the skills-line
in the years before.

Final competences
1 Carrying out a history and physical examination of a patient with a complaint.
2 Recognising the signs and symptoms of a disease and describing them adequately.
3 Integrating clinical, communicative and reasoning skills in a consultation with a
   simulated patient

(Approved)
4 Communication: dealing with psychosocial problems during a consultation
5 Adequately using and interpreting medical imaging techniques.
6 Prescribing medication rationally.

Conditions for credit contract
Access to this course unit via a credit contract is determined after successful competences assessment.

Conditions for exam contract
This course unit cannot be taken via an exam contract.

Teaching methods
Lecture, PDE tutorial, practicum, seminar: coached exercises.

Extra information on the teaching methods
Booster training sessions are organised about clinical skills of previous years (13u30).
Studies can update their knowledge about clinical procedures through learning paths, presented on the electronic learning platform Minerva, and by practising independently in the Skillslab.
Earlier acquired clinical and communicative skills are integrated in video consultations with simulated patients, that are discussed in groups of 6 students (3u).
For communication skills, a plenary session is followed by an exercise in small groups of 8 students plus supervisor.
Pharmacotherapy lectures: usually in the form of tutorials, participation is mandatory (8u15)
Medical imaging (6u30)

Learning materials and price
Handouts, video demonstration, working with simulation patients, training in the skillslab.
A-books:

Learning paths at the Skillslab website, interactive video cases and e-learning about medical imaging via minerva.ugent.be

References
Course content-related study coaching
Prof Jan Reniers
09 332 36 55
jan.reniers@ugent.be

Evaluation methods
end-of-term evaluation and continuous assessment.
Examination methods in case of periodic evaluation during the first examination period
Written examination with multiple choice questions, written examination, open book examination, skills test
Examination methods in case of periodic evaluation during the second examination period
Written examination with multiple choice questions, written examination, open book examination, skills test
Examination methods in case of permanent evaluation
Participation
Possibilities of retake in case of permanent evaluation
examination during the second examination period is possible

Extra information on the examination methods
OSCE examination, communication examination with a simulated patient, written test about rational prescribing and computer test about ordering and interpreting medical imaging.
Presence and participation during skillslab sessions is obligatory and recorded.
Students must present themselves in suitable dressing and actively practice on each other and on simulated patients.

Calculation of the examination mark
This line consists of 3 clusters:

(Approved)
- a skills test (OSCE + communication examination)
- medical imaging
- pharmacotherapy

a.) Deliberation per cluster:

OSCE's:
Mathematical average unless:
If one station insufficient:
- one score between 8 and 9,99/20: no effect
- one score between 7 and 7,99: end score minus 1 pont
- one score between 6 and 6,99: end score minus 2 points
- one score < 6: end score 9/20
If two stations insufficient:
- two scores between 9 and 9,99/20: end score 9/20
- one score < 9/20: end score: 8/20
- one score < 8/20: end score 7/20
- two scores < 8/20 or one score < 7/20: end score 6/20
If 3 or more stations insufficient: end score 6/20

Radiology: mathematical average

Pharmacotherapy: mathematical average (incl. absences and preparation)

b.) Deliberation of 3 clusters:
Mathematical average (OSCE's weight 2 and radiology and pharmacotherapy weight 1), unless:
- one cluster ≤ 9/20: end score minus 1 point
- one cluster ≤ 8/20: end score: 9/20
- two clusters < 10/20:
  - both scores between 9 and 9,99: end core: 9/20
  - one score < 9/20: end score 8/20
  - one score < 8/20: end score 7/20
- three clusters < 10/20: end score 6/20
Up to 2 points can be subtracted from the total score when the student failed to attend one or more training sessions without legal reason.
A student who does not participate in one the parts of the line cannot succeed for the total.