



Table 2

3.2. Course description

| Basic description | | |
|---------------------------|---|--------------|
| Course coordinator | Ass. Prof. Vesna Šendula-Jengiđ, MD, PhD | |
| Course title | Introduction to Cognitive Rehabilitation | |
| Study programme | Nursing – Mental health | |
| Course status | elective | |
| Year | | |
| ECTS credits and teaching | ECTS student 's workload coefficient | 1,5 |
| | Number of hours (L+E+S) | 25 (15+0+10) |

1. Course description

1.1. Course objectives

The course aims to familiarize students on an acceptable professional and general-knowledge level with the concept of cognitive rehabilitation which has become an essential component of the rehabilitation of psychiatric and neurological disorders. It also introduces the general principles of cognitive neuroscience, cognitive rehabilitation and cognitive theory of learning the application of which in rehabilitation in synergic activity over cognitive functions can lead to significant improvement of an individual's mental health.

1.2. Course enrolment requirements

1.3. Expected course learning outcomes

Enabling students to understand better the general principles of cognitive rehabilitation, behaviour of people with distinct cognitive deficiencies and general knowledge of the possible improvements with the aim of development of personal competencies and skills in everyday work and life.

1.4. Course content

- Cognition and cognitive functioning
- Mental disorders connected with cognitive impairments
- Neurological disorders connected with cognitive impairments
- Evaluation of cognitive impairments
- Attention and attention disorders
- Memory and memory disorders
- Spatial orientation and spatial orientation disorders
- Learning and learning disorders
- Thinking and thinking disorders
- Consciousness and consciousness disorders
- Judgement and judgement disorders
- Executive function and executive function disorders
- Conative processes and disorders
- Behaviour disorders connected with cognitive functioning
- Model of cognitive change in rehabilitation
- Basic principles of cognitive rehabilitation
- Principle of neuroplasticity in cognitive rehabilitation
- Principle of compensation in cognitive rehabilitation
- Pharmacological approach in cognitive rehabilitation
- Cognitive theory of learning



- Social-cognitive theory of learning
- Basic principles of evaluation in cognitive rehabilitation

| | | |
|------------------------------|--|---|
| 1.5. <i>Teaching methods</i> | <input checked="" type="checkbox"/> lectures | <input type="checkbox"/> individual assignment |
| | <input checked="" type="checkbox"/> seminars and workshops | <input type="checkbox"/> multimedia and network |
| | <input type="checkbox"/> exercises | <input type="checkbox"/> laboratories |
| | <input type="checkbox"/> long distance education | <input type="checkbox"/> mentorship |
| | <input type="checkbox"/> fieldwork | <input type="checkbox"/> other |

1.6. *Comments* The course shall be held as a three-day course (long week-end) during which time the students would attend the course at the Psychiatric Hospital Rab. The time of the course shall be established in agreement with School of Medicine, University of Rijeka.

1.7. *Student's obligations*

Attendance of course and seminars (minimum 80%).

1.8. *Evaluation of student's work*

| | | | | | | | |
|-------------------|-----|---------------------------|-----|---------------|-----|-------------------|--|
| Course attendance | 15% | Activity/Participation | 25% | Seminar paper | 15% | Experimental work | |
| Written exam | 15% | Oral exam | | Essay | | Research | |
| Project | | Sustained knowledge check | 30% | Report | | Practice | |
| Portfolio | | | | | | | |

1.9. *Assessment and evaluation of student's work during classes and on final exam*

Evaluation will be performed according to the Legal act of evaluation of University of Rijeka and of School of medicine Students' performance will be evaluated through entire duration of the course (70% of the evaluation) as well as on the final exam (30% of the evaluation).

1.10. *Assigned reading (at the time of the submission of study programme proposal)*

1. Sternberg, R.J. *Kognitivna psihologija*. Jastrebarsko: Naklada Slap. 2005.
2. Sohlberg, M.M. & Mateer, C.A. *Cognitive Rehabilitation: An Integrative Neuropsychological Approach*. New York: The Guilford Press. 2001
3. Stuss, D.T., Winocur, G., Robertson, I.H. (Eds.) *Cognitive Neurorehabilitation: Evidence and Application*. 2nd Ed. Cambridge: Cambridge University Press. 2010
4. Ponsford, J. (ed.) *Cognitive and Behavioral Rehabilitation: From Neurobiology to Clinical Practice*. New York: The Guilford Press. 2004

1.11. *Optional / additional reading (at the time of proposing study programme)*

1. Beck, J. S. *Kognitivna terapija*. Jastrebarsko: Naklada Slap. 2007.

1.12. *Number of assigned reading copies with regard to the number of students currently attending the course*

| Title | Number of copies | Number of students |
|-------|------------------|--------------------|
| | | |
| | | |
| | | |
| | | |

1.1. *Quality monitoring methods which ensure acquirement of output knowledge, skills and competences*

By anonymous questionnaire at the beginning and the end of the entire course.