

CATHOLIC UNIVERSITY IN RUŽOMBEROK  
FACULTY OF HEALTH

Summer semester 2016/2017  
Subjects offered in foreign language\*

\*The Catholic University reserves the right to revise, change or cancel subjects whenever considered necessary or desirable.

**Content**

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## DEPARTMENT OF PHYSIOTHERAPY

<b>COURSE TITLE: Clinical Practice 1</b>	
<b>COURSE CODE:</b> 54F1024W	<b>NUMBER OF CREDITS:</b> 2
<b>STUDY LEVEL:</b> BA	<b>SEMESTER:</b> 2 <sup>nd</sup>
<b>EXPECTED RESULTS:</b> The aim of the course is ppractical handle physiotherapy diagnosis in natural conditions. Learning to provide basic nursing care to the patient, able to identify patients' problems, can satisfy the biological and psychological problems.	
<b>THEME OUTLINE:</b>	
<p>1. <i>Nursing:</i> Basic nursing care for the sick. Hygienic care, positioning of patients, prevention of pressure sores. Emptying. Care bed. Patient handling. The first-aid equipment. Meal. Monitoring, measuring and recording physiological functions. Working with the central distribution of oxygen. Participation on rounds. Principles of drug delivery.</p> <p>2. <i>Physiotherapy:</i> Practical application assemblies classical massage in the prevention and therapy. Practical application Balneology, thermo and hydrotherapy treatments. Examination and measurement of range of motion in the joints of the extremities and spine. SFTR recording method. Measurement of body weight and height, the dimensions of the trunk and extremities. Record. Relaxation. Passive exercise, fixing and maintaining movement.</p>	

<b>COURSE TITLE: Clinical Practice 3</b>	
<b>COURSE CODE:</b> 54F1051W	<b>NUMBER OF CREDITS:</b> 3
<b>STUDY LEVEL:</b> BA	<b>SEMESTER:</b> 4 <sup>th</sup>
<b>EXPECTED RESULTS:</b> The aim of the course is aacquire knowledge of the procedures of physical therapy according to the nature of the disease and gain practical skill in assessing the patient's condition, up the plan of medical rehabilitation and kinesiotherapy in various indication areas of medicine.	
<b>THEME OUTLINE:</b>	
<p>Physiotherapy diagnosis, compiling a therapeutic plan, the use of methods kinesiotherapy and physical therapy for clients with frequent diagnoses in these clinical areas:</p> <ol style="list-style-type: none"> <li>1. Traumatology <ul style="list-style-type: none"> <li>- Kinesiotherapy during healing injury, wound complications, secondary prevention of disability and immobilization, rehabilitation after accidents and damage to soft tissues following accidental damage to bones and joints of the extremities,</li> </ul> </li> <li>2. Internal medicine</li> </ol>	

- Training the cardiovascular system and physical regimen with ischemic heart disease,

3. Neurology

- Patient care hemi paretic and foundations physiotherapy and concept Bobath,

4. Surgery

- Kinesiotherapy in abdominal and thoracic surgery within the pre-operative care after surgery and during recovery, scar care, wound complications and inactivity.

5. Gynecology and Obstetrics

- Kinesiotherapy in the conservative and operative treatment in gynecology, kinesiotherapy during pregnancy and after childbirth.

**COURSE TITLE: Continuous Professional Practice 5**

**COURSE CODE:** 54F1052W

**NUMBER OF CREDITS:** 3

**STUDY LEVEL:** BA

**SEMESTER:** 4<sup>th</sup>

**EXPECTED RESULTS:** The aim of the course is acquire knowledge of the procedures of physical therapy according to the nature of the disease and gain practical skill in assessing the patient's condition, up the plan of medical rehabilitation and kinesiotherapy in various indication areas of medicine.

**THEME OUTLINE:**

Physiotherapy diagnosis, compiling a therapeutic plan, the use of methods kinesiotherapy and physical therapy for clients with frequent diagnoses in these clinical areas:

1. Kinesiotherapy in the indication areas surgery.

- Kinesiotherapy in preoperative care, principles of treatment after surgery, complications of inactivity, scar care, wound complications,

- Kinesiotherapy during convalescence, the specificities of physiotherapy in abdominal surgery and thoracic surgery.

2. Kinesiotherapy indication in the field of gynecology and obstetrics

- Kinesiotherapy in the Republic, in conservative and operative treatment in gynecology, kinesiotherapy in prenatal care.

3. Kinesiotherapy in indication areas traumatology

- Kinesiotherapy during healing injury, complications of healing, secondary prevention of disability and immobilization, rehabilitation after accidents and damage to soft tissue (skin, subcutaneous tissue, fascia, tendons, ligamentous apparatus, muscles) following accidental damage to bones and joints, specifications physiotherapy after injuries of the upper and lower con Atina.

4. Kinesiotherapy in the indication area of internal

- Training the cardiovascular system and physical regimen in ischemic heart disease

5 Kinesiotherapy in the indication areas of neurology

- Patient care and physiotherapy hemi paretic foundations.

<b>COURSE TITLE: Physiotherapeutic Diagnostics 2</b>	
<b>COURSE CODE: 54F1016W</b>	<b>NUMBER OF CREDITS: 3</b>
<b>STUDY LEVEL: BA</b>	<b>SEMESTER: 2<sup>nd</sup></b>
<b>EXPECTED RESULTS:</b> The aim of the course is improve knowledge of the skeletal muscles. To be able to use muscle testing to determine the degree of muscle strength. Effective include muscle testing in functional diagnostics.	
<b>THEME OUTLINE:</b>	
<ol style="list-style-type: none"> <li>1. Introduction to test muscle strength, muscle test mimic muscles.</li> <li>2. Muscle thumbs and fingers.</li> <li>3. Muscle Test hip and knee joint.</li> <li>4. Muscle Test ankle, toes.</li> <li>5. Hypermobility - types of hypermobility, examination and evaluation.</li> <li>6. Examination of shortened muscles of the upper and lower extremities.</li> <li>7. Examination of shortened neck, torso.</li> <li>8. Evaluation of the characters, holding calf right and wrong. Means of evaluation.</li> <li>9. Examination of the spine assessment.</li> <li>10. The basic diagnostic procedures muscle imbalance - top and bottom cruciate syndrome.</li> <li>11. Assessment of walking, walking types, pathologic changes.</li> <li>12. Practice walking on crutches - types of aids for walking, walking types of crutches, walking up stairs, down stairs.</li> </ol>	

<b>COURSE TITLE: Physiotherapeutic Diagnostics 4</b>	
<b>COURSE CODE: 54F1042W</b>	<b>NUMBER OF CREDITS: 3</b>
<b>STUDY LEVEL: BA</b>	<b>SEMESTER: 4<sup>th</sup></b>
<b>EXPECTED RESULTS:</b> The aim of the course is demonstrate the ability of professional communication with patients can ask targeted questions. Demonstrate the ability to draw conclusions on the methods of diagnosis. Describe and summarize the examination of the patient in each clinical discipline in terms of physiotherapy.	
<b>THEME OUTLINE:</b>	
<ol style="list-style-type: none"> <li>1. Auxiliary examination methods in physiotherapy.</li> <li>2. Imaging methods.</li> <li>3. Examination of physical fitness.</li> <li>4. Examination reactivity body.</li> <li>5. Tests in a variety of functional diagnostics of the locomotor system.</li> <li>6. Examination by author therapeutic concept - Brunnstrom.</li> <li>7. Examination by Artist McKenzie therapeutic concept.</li> <li>8. Examination by author therapeutic concept Brugger.</li> <li>9. Examination of communication function.</li> <li>10. Muscle loop.</li> <li>11. Muscle concatenation.</li> </ol>	

<b>COURSE TITLE: Balneotherapy, Climatotherapy, Hydrotherapy and Thermotherapy</b>	
<b>COURSE CODE: 54F1014W</b>	<b>NUMBER OF CREDITS: 2</b>
<b>STUDY LEVEL: BA</b>	<b>SEMESTER: 2<sup>nd</sup></b>
<b>EXPECTED RESULTS:</b> The aim of the course is obtain basic information on the mechanisms of therapeutic action hydro mineral physical stimuli on the body.	
<b>THEME OUTLINE:</b> <ol style="list-style-type: none"> <li>1. History of physical medical services.</li> <li>2. Characteristics, classification, physical basis of individual treatments.</li> <li>3. Mechanism of action procedures.</li> <li>4. Physiological effects, application principles.</li> <li>5. Methods of therapy, practical application procedures.</li> <li>6. Thermotherapy: positive and negative thermotherapy.</li> <li>7. Cryotherapy, total hyperthermia.</li> <li>8. Hydrotherapy: effects of water.</li> <li>9. Hydrotherapy treatments with massage effect.</li> <li>10. Additive baths.</li> <li>11. Home spa: healing water - characteristics.</li> <li>12. Inhalation. Peloids.</li> <li>13. Bio Climatotherapy: the impact of climate change on the human body.</li> <li>14. Heliotherapy, thalosootherapy.</li> <li>15. Speleotherapy, meteosensitivity.</li> <li>16. Indications, contraindications of physical therapy in systemic diseases.</li> </ol>	

<b>COURSE TITLE: Methods of Kinesiotherapy 2</b>	
<b>COURSE CODE: 54F1018W</b>	<b>NUMBER OF CREDITS: 3</b>
<b>STUDY LEVEL: BA</b>	<b>SEMESTER: 2<sup>nd</sup></b>
<b>EXPECTED RESULTS:</b> The aim of the course is understand the principles and obtain practical skills for successful application of selected basic methods of physiotherapy.	
<b>THEME OUTLINE:</b> <ol style="list-style-type: none"> <li>1. The release and mobilization techniques in kinesiotherapy.</li> <li>2. Soft techniques.</li> <li>3. Post facilitating stretching.</li> <li>4. Correction positioning.</li> <li>5. Motorization exercise.</li> <li>6. Kaltenborn method.</li> <li>7. Construction of a treatment program.</li> <li>8. Special methods - reeducation of movement by Sister Kenny.</li> <li>9. Reeducation posture in different postural positions.</li> <li>10. Practice walking, walking with aids.</li> </ol>	

<b>COURSE TITLE: Methods of Kinesiotherapy 6</b>	
<b>COURSE CODE:</b> 04F2069W	<b>NUMBER OF CREDITS:</b> 3
<b>STUDY LEVEL:</b> BA	<b>SEMESTER:</b> 6 <sup>th</sup>
<b>EXPECTED RESULTS:</b> The aim of the course is to gain knowledge about the nature, principles and suitability for use of selected special methods, methodologies and techniques of physiotherapy and gain practical skill in their application	
<b>THEME OUTLINE:</b> <ol style="list-style-type: none"> <li>1. Proprioceptive neuromuscular stimulation - PNF - Kabat, Knott, Vos.</li> <li>2. Methods primarily focused on education movement and good posture: Feldenkreis, Pilates).</li> <li>3. Exercise in the open and closed chain.</li> <li>4. Bobath concept for children.</li> <li>5. Hydro kinesiotherapy.</li> <li>6. Exercising with the ball.</li> <li>7. Methods using proprioceptive stimulation (Freeman, Janda, Vávrová).</li> <li>8. Educational and training methods aimed at preventing vertebrogenic difficulties - back school.</li> <li>9. Vojta methodology.</li> </ol>	

## DEPARTMENT OF NURSING

<b>COURSE TITLE: Clinical Seminars 1</b>	
<b>COURSE CODE: 54O1012W</b>	<b>NUMBER OF CREDITS: 3</b>
<b>STUDY LEVEL: BA</b>	<b>SEMESTER: 2<sup>nd</sup></b>
<b>EXPECTED RESULTS:</b> Students will gain the skills needed to work as a nurse.	
<b>THEME OUTLINE:</b> <ol style="list-style-type: none"> <li>1. Practical nursing techniques in natural surroundings.</li> <li>2. Bandage technique.</li> <li>3. Sterilization and disinfection of equipment.</li> <li>4. Patient care.</li> <li>5. The personal hygiene of the patient.</li> <li>6. Serving the food.</li> <li>7. Nursing rehabilitation.</li> <li>8. Women’s catheterisation, assistance with catheterization of man and the children.</li> <li>9. Clyster.</li> <li>10. Physiological functions. Physical examination.</li> <li>11. The application of heat, cold therapy.</li> <li>12. Communication skills.</li> </ol>	

<b>COURSE TITLE: Continuous Professional Training 2</b>	
<b>COURSE CODE: 54O1020W</b>	<b>NUMBER OF CREDITS: 3</b>
<b>STUDY LEVEL: BA</b>	<b>SEMESTER: 2<sup>nd</sup></b>
<b>EXPECTED RESULTS:</b> Implement the nursing care independently and in collaboration with the doctors in chosen diseases at the different stages of their development in the healthy and sick people, families and communities.	
<b>THEME OUTLINE:</b> <ol style="list-style-type: none"> <li>1. Practical mastering of the nursing techniques in natural clinical conditions.</li> <li>2. Bandage technique.</li> <li>3. Sterilization and disinfection of the tools.</li> <li>4. Patient care at the bed.</li> <li>5. Personal hygiene of the patient.</li> <li>6. Serving the food to the patients.</li> <li>7. Rehabilitation.</li> <li>8. Measurement of physiological function.</li> </ol>	



<b>COURSE TITLE: Continuous Professional Training 3</b>	
<b>COURSE CODE:</b> 5401021W	<b>NUMBER OF CREDITS: 3</b>
<b>STUDY LEVEL:</b> BA	<b>SEMESTER:</b> 2 <sup>nd</sup>
<b>EXPECTED RESULTS:</b> Provide the nursing care in conditions of medical facilities.	
<b>THEME OUTLINE:</b>	
<ol style="list-style-type: none"> <li>1. Nursing process and techniques in clinical conditions.</li> <li>2. Assessment of the knowledge and skills of individuals, families, communities within the health education.</li> <li>3. Acquisition of the communication skills in interaction with the patients and medical staff.</li> <li>4. Information about medical documentation at the workplace.</li> </ol>	

<b>COURSE TITLE: English Language 2</b>	
<b>COURSE CODE:</b> 5401002Y	<b>NUMBER OF CREDITS: 1</b>
<b>STUDY LEVEL:</b> BA	<b>SEMESTER:</b> 2 <sup>nd</sup>
<b>EXPECTED RESULTS:</b> Students are taught how to work with the foreign language texts, how to do the correct translation and gain communication skills.	
<b>THEME OUTLINE:</b>	
<ol style="list-style-type: none"> <li>1. Bad handwriting.</li> <li>2. Patient summary.</li> <li>3. The admission procedure.</li> <li>4. Patient record.</li> <li>5. Admitting a patient.</li> <li>6. A pain chart.</li> <li>7. Pain relief.</li> <li>8. Filling in a pain chart.</li> <li>9. Questions to assess pain.</li> <li>10. Making comparisons.</li> <li>11. Mystery syndromes.</li> <li>12. Mystery syndromes.</li> </ol>	

<b>COURSE TITLE: Nursing process and needs 2</b>	
<b>COURSE CODE:</b> 5401014W	<b>NUMBER OF CREDITS: 4</b>
<b>STUDY LEVEL:</b> BA	<b>SEMESTER:</b> 2 <sup>nd</sup>
<b>EXPECTED RESULTS:</b> To gain the ability to identify the needs of individuals, family, community in both conditions – illness and good health state.	
<b>THEME OUTLINE:</b>	
<ol style="list-style-type: none"> <li>1. Needs – general descriptions.</li> <li>2. Motivation.</li> <li>3. Factors which modify the satisfying the needs.</li> <li>4. Classification of needs</li> <li>5. Nursing process in satisfying needs.</li> <li>6. Need of respiration.</li> </ol>	

7. Need of nutrition.
8. Need of excretion.
9. Need of sleep and relaxation.
10. Need of physical activity.
11. Need of decreasing the pain.
12. Social needs, mental needs, need of getting knowledge. Spiritual needs.

<b>COURSE TITLE: Clinical Seminars 3</b>	
<b>COURSE CODE:</b> 54O1039W	<b>NUMBER OF CREDITS: 3</b>
<b>STUDY LEVEL:</b> BA	<b>SEMESTER:</b> 2 <sup>nd</sup>
<b>EXPECTED RESULTS:</b> Students will gain the skills needed to practice as the nurses in accordance with the Health Ministry Decree MZ SR 364/2005 Z.z.	
<b>THEME OUTLINE:</b> <ol style="list-style-type: none"> <li>1. Nursing techniques in each clinical position.</li> <li>2. Nursing techniques in outpatients' departments.</li> <li>3. Nursing techniques in ADOS.</li> <li>4. Nursing process in the clinical surroundings.</li> <li>5. Nursing process in the outpatients department for adults.</li> <li>6. Nursing process in the outpatient department for children and adolescents.</li> <li>7. Nursing process in ADOS.</li> <li>8. Assessment of the needs according to a conceptual model.</li> <li>9. Assessment of the knowledge and skills in the context of health education.</li> <li>10. Communication skills.</li> <li>11. The medical documentation.</li> <li>12. Case studies.</li> </ol>	

<b>COURSE TITLE: Continuous Professional Training 5</b>	
<b>COURSE CODE:</b> 54O1042W	<b>NUMBER OF CREDITS: 3</b>
<b>STUDY LEVEL:</b> BA	<b>SEMESTER:</b> 4 <sup>th</sup>
<b>EXPECTED RESULTS:</b> Provide the nursing care in conditions of medical facilities.	
<b>THEME OUTLINE:</b> <ol style="list-style-type: none"> <li>1. Nursing process and techniques in clinical conditions.</li> <li>2. Assessment of the knowledge and skills of individuals, families, communities within the health education.</li> <li>3. Acquirement of the communication skills in interaction with the patients and medical staff.</li> <li>4. Information about medical documentation at the workplace.</li> <li>5. Nursing techniques in various workplaces.</li> <li>6. Nursing techniques in outpatients department.</li> <li>7. Nursing techniques in homecare.</li> </ol>	

8. Nursing process in ADOS (Agency of homecare).
9. Assessment of needs according to NANDA II.

<b>COURSE TITLE: Continuous Professional Training 6</b>	
<b>COURSE CODE:</b> 54O1043W	<b>NUMBER OF CREDITS: 3</b>
<b>STUDY LEVEL:</b> BA	<b>SEMESTER:</b> 4 <sup>th</sup>
<b>EXPECTED RESULTS:</b> Providing the nursing care in health facilities and outpatients department.	
<b>THEME OUTLINE:</b>	
<ol style="list-style-type: none"> <li>1. Implementation of the prescribed nursing techniques by patients in acute state and patients with chronic illness.</li> <li>2. Records about health conditions</li> <li>3. The implementation of education of patients and their relatives.</li> <li>4. Process of education and educational plans.</li> </ol>	

<b>COURSE TITLE: Health Research</b>	
<b>COURSE CODE:</b> 54O1044W	<b>NUMBER OF CREDITS: 1</b>
<b>STUDY LEVEL:</b> BA	<b>SEMESTER:</b> 4 <sup>th</sup>
<b>EXPECTED RESULTS:</b> To gain information about health research and methods of this research. To be able to characterize qualitative, quantitative research and methodology in nursing. To be able to publish the results of research.	
<b>THEME OUTLINE:</b>	
<ol style="list-style-type: none"> <li>1. Basic terminology.</li> <li>2. Qualitative and quantitative research and its use in nursing.</li> <li>3. Stages and phases of research.</li> <li>4. Evidence-based practice.</li> <li>5. Research problem and main goal in research. Research hypotheses. Research sample.</li> <li>6. Peculiarities of the conduct of clinical research.</li> <li>7. Research methods.</li> <li>8. The use of qualitative methods in nursing.</li> <li>9. Processing of research results.</li> <li>10. Creating graphs and tables. Presentation of research results.</li> <li>11. Written and oral presentations.</li> <li>12. The most common mistakes of scientific work.</li> </ol>	

<b>COURSE TITLE: English Language 4</b>	
<b>COURSE CODE:</b> 54O1004Y	<b>NUMBER OF CREDITS: 1</b>

<b>STUDY LEVEL:</b> BA	<b>SEMESTER:</b> 4 <sup>th</sup>
<b>EXPECTED RESULTS:</b> Students are taught how to work with foreign language text, how to make good translation and how to improve communication skills.	
<b>THEME OUTLINE:</b> 1. Zero and first conditional. 2. Talking about dying. 3. Report of a death. 4. The Hope Children's Hospice. 5. Death certificate. 6. Expressing possibility. 7. Preparing a body for relatives. 8. Famous people suffering from mental illness. 9. Schizophrenia. 10. Mental illness. 11. Present Perfect and Past Simple. T 12. The Passive.	

<b>COURSE TITLE: Pediatric and Neonatal Nursing</b>	
<b>COURSE CODE:</b> 54O1040W	<b>NUMBER OF CREDITS:</b> 5
<b>STUDY LEVEL:</b> BA	<b>SEMESTER:</b> 4 <sup>th</sup>
<b>EXPECTED RESULTS:</b> Students will acquire knowledge about healthy and sick child with a focus on nursing care. Students will acquire knowledge about different diseases and conditions in children with a focus on nursing care.	
<b>THEME OUTLINE:</b> <ol style="list-style-type: none"> <li>1. Specific of nursing process in pediatrics.</li> <li>2. Child development.</li> <li>3. The rights of children.</li> <li>4. A child in the community.</li> <li>5. Support for child and adolescent health, vaccinations.</li> <li>6. Basal stimulation in pediatrics.</li> <li>7. Nutrition of child.</li> <li>8. Basic physical examination of children.</li> <li>9. Pain in childhood.</li> <li>10. Nursing care for healthy newborns.</li> <li>11. Nursing care for children with diseases of the respiratory, digestive and cardiovascular systems.</li> <li>12. Nursing care of diseases of the kidneys and urinary tract.</li> </ol>	