

COURSE INFORMATION SHEET

University: Catholic University in Ružomberok	
Faculty: Faculty of Education	
Course code: KPEP/Ep-BD123B/22	Course title: Development of technical creativity
Type and range of planned learning activities and teaching methods: Form of instruction: Lecture / Seminar Recommended study range: hours weekly: 1 / 1 hours per semester: 13 / 13 Teaching method: on-site	
Credits: 3	Working load: 75 hours
Recommended semester/trimester: 5.	
Level of study: I.	
Prerequisites:	
Requirements for passing the course: To verify the extent to which the student has acquired the relevant knowledge, skills and competences through the implementation of theoretical and practical examinations during the semester course. Continuous assessment consists of active participation in seminars and presentation of a selected topic aimed at developing technical creativity in the context of learning in pre-primary and leisure education. The student will receive a maximum of 60 points and a minimum of 50 points as a condition for participation in the final test. A final written test in which the student will demonstrate the theoretical knowledge, skills and competencies acquired in the seminars during the semester. The student will receive a maximum of 40 points. The final grade is the summative percentage score of the written test (40%) and practical skills with demonstration of independence, autonomy and self-assessment skills (60%). Course Assessment: A - 100%-93% B - 92%-85% C - 84%-77% D - 76%-69% E - 68%-60% Fx - 59%- 0%	
Learning outcomes of the course: Objective of the subject: The aim of the subject is to acquire and acquire basic knowledge about natural and technical materials, the possibilities of their use in the work activities of children in pre-primary and leisure education, to obtain a detailed overview of the materials and tools used in the scope of the curriculum of the educational field of man and the world of work. Understand active and creative learning and the requirements for one's own creative activity. Know the principles, methods, forms and strategies applied in technical education for the didactically correct mediation of the contents of the curriculum. Learning outcomes: After completing the subject, the student will acquire the following knowledge, skills and competences:	

- will acquire basic knowledge about the materials used in children's work activities in pre-primary and leisure education, within the scope of the content of the subject,
- is able to justify, explain and illustrate the acquired knowledge about working with technical material with examples of own creative activity with natural and technical material in accordance with the content of education in SEP in the educational field Man and the world of work in pre-primary and leisure education,
- applies knowledge from the world of work, technology and creative activity to the context of creating educational activities based on the idea of active and creative learning
- able to assess the appropriateness of the used learning procedures, methods and strategies in the educational project, with a focus on developing creativity, on the didactically correct mediation of the contents of the curriculum from the educational field Man and the world of work from SVP for pre-primary and leisure education.
- will create sample educational projects, thematically focused with the application of integrated knowledge, aimed at developing technical creativity, through various work techniques using tools, tools and aids in the creation of products from technical materials in pre-primary and leisure education.

Course contents:

Technical creativity, methods and strategies of creativity, educational content, planning and design in pre-primary and leisure education. Creation of teaching aids made with different techniques with creative use of materials paper, cardboard, cardboard, wood, metal, wire, plastic, modelling materials, etc. Creative use of natural and technical materials in the educational process of pre-primary and leisure education. Creative production of puppet theatre from wood, balsa and other suitable materials for preschool and younger school-age children. Production of different kinds of puppets, puppets, finger puppets, marionettes. Production and preparation of theatrical scenes and decorative items for the conditions of preschool and leisure environment. Classroom decoration and aesthetic products suitable for educational purposes in pre-primary and leisure education. Assembly and disassembly work in kindergarten and primary school. Creative construction work with jigsaw puzzles, building blocks of various kinds and materials. Integrated Thematic Educational Project (ITEP) on a selected topic (fairy tale, space, planet EARTH...), which is part of the work activities in the seminars.

Recommended or required literature:

- ČELLÁROVÁ, L., TOMAN, M. Technical works. Banská Bystrica: PF UMB, 1998.
- HONZÍKOVÁ, J., DEPEŠOVÁ J. Who creates, is not angry III or working with puppets in kindergarten. Plzeň: ZU v Plzni, 2017. 152 p. ISBN 978-80-261-0729-3.
- HONZÍKOVÁ, J. Alternative approaches to technical education. Pilsen: ZU, 2007. ISBN 978-80-7043626-4.
- HONZÍKOVÁ, J. Materials for work activities at primary school level 1. Plzeň: PF, 2006.
- HONZÍKOVÁ, J. Theory and practice of creativity in work education. Plzeň: ZU, 2006. ISBN 80-7043453-8.
- HUĽOVÁ, Z. Project-based, problem-based, cooperative and research conception of education in the undergraduate preparation of future teachers: for the field of technical education at the primary school level. 1st ed. Banská Bystrica: Matej Bel University, Faculty of Education, 2017. 79 s. ISBN 978-80-557-1275-8.
- HUĽOVÁ, Z. Technical education at the primary school level in the historical and international context. I. Ružomberok: PF KU v Ružomberku, VERBUM Publishing House, 2019. 9,5 AH. 145 p. ISBN 978-80-561-0686-0.
- KOŽUCHOVÁ, M. Content dimension of technical education. Bratislava: UK, 2003.
- KOŽUCHOVÁ, M. Technical materials in pre-primary and primary education. Ružomberok: VERBUM- vydavateľstvo KU, 2010, 155 p. ISBN 978-80-80-8084-990-0.
- KRUŠPÁN, I. et al. Technical interest creative activity. Banská Bystrica: PF UMB, 1986.
- MYDLÍKOVÁ, B. Inspirations for clever hands. Bratislava: Príroda, 2001.
- WORKBOOKS AND TEXTBOOKS FOR WORK EDUCATION FOR 1ST GRADE STATE EDUCATIONAL PROGRAMME FOR PRIMARY EDUCATION AT THE 1ST LEVEL OF PRIMARY SCHOOL. Bratislava, 2015.
- ŽOLDOŠOVÁ, K., MINÁRECHOVÁ, M. Research-tuned concept of technical education for the first stage of primary school. Typi universitatis tyrnaviensis, 2016, ISBN 978-80-8082-959-9.

Language of instruction:

slovensky

Notes:**Course evaluation:**

Assessed students in total: 36

A	B	C	D	E	FX
72.22	16.67	5.56	0.0	2.78	2.78

Name of lecturer(s): doc. PaedDr. Zlatica Hul'ová, PhD., PaedDr. Jozef Zentko, PhD.**Last modification:** 08.07.2023**Supervisor(s):**

People responsible for the delivery, development and quality of the study programme:

prof. PaedDr. Tomáš Jablonský, PhD., PhD. ThLic. Martin Taraj, PhD.