

CURRICULUM PARTITION AND REQUIREMENT SYSTEM

Semester 1, Academic Year 2025/26

ÓBUDA UNIVERSITY							
Rejtő Sándor Faculty of Light Industry and Environmental Engineering				Faculty	Product Design		Intitute
Name of the subject:		Creative Thinking			Neptun code:	RTKCT1ABNE	
					Credit:	2	
Type (mandatory/optional):		Criteria subject	Department:	Full-time	Semester:	3 and upper semesters	
Programme:		Industrial product design engineer					
Course coordinator:		Dr. Edit Csanák DLA		Lecturer:	Dr. Edit Csanák, Dr. Gabriella Oroszlány and Guest Lecturers		
Prerequisites (including code):		-					
Weekly classes (lec+gs+lab.):		Lecture:	2	Group seminar:	-	Lab. Practice:	-
Assessment type:		Term mark	Language of the course:	English	Contact hours:	Custom timetable for the 1-8th weeks (Additional information is available in Neptun and in the course breakdown.) Venue: D.2.208	
Curriculum:							
The course aims to deal with the connections that arise during problem-solving, approaching them from different areas of the profession. Students become familiar with the unique areas of contemporary design theory and address the special needs that arise during design, approaching them from specific disciplines. By addressing the particular issues and criteria of putting theory into practice, the goal is to sophisticate the relationship to object creation and deepen creative thinking.							
Detailed description and schedule of the subject:							
Lectures:							
Week	Topic						Lecturer
1.	Class Cancelled due to Ceremonial Programme						(-)
2. MO 11:40-13:20	Introduction to course requirements. Aspects and Attitudes of Creative Thinking (Guest Lecture)						Guest Lecturer, Dr. Edit Csanák DLA
3. MO 11:40-15:10	Health Psychology: planning and creating artefacts for safeguarding health in the different life phases. Analysis of important theories for promoting health. Positive Psychology , an area of research of emerging interest for designers and engineers.						Manuela Zambianchi Ph.D (ISIA Faenza)
3. WE: 13:30-17:00	Positive Ageing: theories and the resources for reaching and maintaining it.						
4. MO 11:40-15:10	Exercises for enhancing creativity 1. Active laboratory for transferring creativity into research projects linked to the topics of the Course (Health Psychology, Positive Ageing, Positive Psychology, Positive Psychoogy) 1						Manuela Zambianchi Ph.D (ISIA Faenza)
4. WE: 13:30-17:00	Exercises for enhancing creativity 2.						
5. MO 11:40-13:20	Seminary Test 1 "Aspects and attitudes" (On-line, Moodle)					On-line	Manuela Zambianchi Ph.D (ISIA Faenza), Dr. Gabriella Oroszlány
6. MO 11:40-13:20	Seminary test 2 "Health Psychology and Positive Ageing" (On-line, Moodle)						Dr. Edit Csanák DLA
7. MO 11:40-13:20	Supplementary tests, Evaluation (NO contact class!)					On-line	Dr. Edit Csanák DLA
8. MO 11:40-13:20	Supplementary tests, Evaluation (NO contact class!)						Dr. Edit Csanák DLA
9.	(-)						(-)
10.	(-)						(-)
11.	(-)						(-)
12.	(-)						(-)
13.	(-)						(-)
14.	(-)						(-)

REQUIREMENTS FOR PRACTICE MARK:

Participation:

Participation in lectures is mandatory, as set in the Studies and Exams Code (TVSZ) rules. Maximum 3 absences are allowed!

Seminar tests, presentations:

5th week	Seminary Test 1 "Aspects and attitudes" (On-line, Moodle)
6th week	Seminary Test 2 "Health Psychology and Positive Ageing" (On-line, Moodle)
7th week	Supplementary tests (On-line, Moodle), Evaluation
8th week	Supplementary tests (On-line, Moodle), Evaluation

Requirements for qualification:

Condition for obtaining the term mark is completing the 2 seminary tests with result minimum 40pt/per test. The student whose mark is insufficient at the end of the semester, can apply for supplement of the grade in the first two weeks of the examination period once, according to the Óbuda University Study and Examination Regulations (TVSZ).

Professional competencies:

1. Problem-solving skills – ability to approach problems from multiple professional perspectives.
2. Interdisciplinary thinking – understanding and applying knowledge from different disciplines in design contexts.
3. Contemporary design theory literacy – familiarity with current theoretical approaches in design.
4. Application of theory to practice – competence in translating abstract concepts into practical design solutions.
5. Context-sensitive design – recognizing and addressing the specific needs that arise during the design process.
6. Critical thinking – analyzing and reflecting on criteria, issues, and implications in object creation.
7. Creativity and innovation – developing original ideas and deepening creative processes.
8. Sophisticated object creation – refining the relationship between theoretical knowledge and practical design execution.
9. Analytical skills – evaluating design problems and solutions from multiple perspectives.
10. Communication of design concepts – articulating theoretical and practical aspects of design decisions.

Literature

1. Zambianchi Manuela (2025). Life Skills Education in età anziana. Prospettive teoriche e proposte di intervento (Life Skills Education in old age. Theoretical Perspectives and proposals for interventions. Franco Angeli ed. Milano, Italy.
2. Zambianchi Manuela (2025). Wisdom and divergent problem solving as resources for eudaimonic psychological well-being in old age. PSICOLOGIA (in press).
3. Celani L., & Zambianchi, M. (2025). Catastrofi naturali e reazioni psicologiche delle vittime. Uno studio qualitativo sull'alluvione della Romagna ed il terremoto di Amatrice- Accumoli- Arquata. Counseling, 2, 71-96. doi: 10.14605/CS1822505
4. G Oroszlány, L Koltai: Creativity, Product Design, Engineering and the Art of Origami, In: Edit, Csanák (szerk.) IJCELIT 2023. Book of Proceedings of the 9th International Joint Conference on Environmental and Light Industry Technologies, Budapest, Magyarország : Óbudai Egyetem Rejtő Sándor Könnyűipari és Környezetmérnöki Kar (2024) pp. 182-191.,10 p.
5. Rick Rubin: The Creative Act: A Way of Being, Penguin Press, 2023, ISBN 978-0593652886