

DESCRIPTION OF THE COURSE OF STUDY

Course code	0719-2ID-A07-TS	
Name of the course in	Polish	Przedmiot do wyboru w zakresie wsparcia w procesie uczenia się
	English	Elective subject for support in the learning process

1. LOCATION OF THE COURSE OF STUDY within the system of studies

1.1. Field of study	Data engineering
1.2. Mode of study	Full-time studies
1.3. Level of study	Undergraduate studies
1.4. Profile of study*	General academic studies
1.5. Person/s preparing the course description	Dr Elżbieta Buchcic
1.6. Contact	ebuch@ujk.edu.pl

2. GENERAL CHARACTERISTICS OF THE course of study

2.1. Language of instruction	English
2.2. Prerequisites*	No prerequisites

3. DETAILED CHARACTERISTICS OF THE COURSE OF STUDY

3.1. Form of classes	Lecture – 15 hours, seminar – 15 hours.	
3.2. Place of classes	UJK	
3.3. Form of assessment	Graded exam	
3.4. Teaching methods	Problem-based lecture; Panel discussion; Activating methods	
3.5. Bibliography	Required reading	• Brześciwicz Z. 2006: Super Memory: How to Learn Three Times Faster, Warsaw • Buzan T. 2005: Memory on Demand: Memory Methods and Techniques, Łódź • Dryden G., Vos J. 2000: Revolution in Learning, Poznań • Spitzer M. 2007: How the Brain Learns, Warsaw • Retter H. 2005: Everyday Communication in Pedagogy, Gdańsk
	Further reading	• Ciechanowska D. 2009: The Student Academic Education Process, Szczecin • Czerniawska E., Ledzińska M. 2007: How to Learn? Bielsko-Biała • Locke E. 2009: How to Learn Effectively. Methods and Motivation, Poznań • Szurawski M. 2007: Memory. Interactive Training, AHA, Kraków

4. OBJECTIVES, SYLLABUS CONTENT AND INTENDED LEARNING OUTCOMES

4.1. Course objectives (including form of classes)

Lectures

- C1 - Familiarize students with empirical research on human learning processes and the creation of knowledge systems
- C2 - Present and implement selected mnemonic techniques that facilitate memorization of information
- C3 - Develop effective social communication skills in dysfunctional environments
- C4 - Familiarize students with selected projects in the field of telecommunication of knowledge Conversation
- C5 - Equip students with the ability to diagnose their own cognitive styles and select personal self-learning strategies
- C6 - Create new solutions using creative techniques
- C7 - Apply knowledge of self-learning techniques to master IT knowledge

4.2. Detailed syllabus (including form of classes)

Lectures

1. The concept of formal and non-formal education in Poland and worldwide.
2. Lifelong education.
3. Psychological foundations of mental performance.
4. E-learning – as a technology for acquiring information.
5. Techniques of perception and reception of information.
6. Education as a form of cognitive therapy.
7. Effective learning as a method for career planning.
8. H. Gardner's theory of multiple intelligences and the process of self-education/learning.

9. Educational capabilities of the brain (right and left cerebral hemispheres).
10. Neurodidactics.

Conversation

1. Activating methods of mental work.
2. Memory techniques.
3. Mnemonic techniques.
4. Sociotechnics.
5. Forgetting strategies.
6. Books in college – text analysis.
7. Methods and tools used in self-education.
8. Proactive and reactive planning.
9. Goal setting.
10. Principles of effective memorization.
11. Supporting career development - methods and tools.
12. The importance of memory in the self-education process.
13. Time management methods.
14. Developing time management skills.
15. Developing an individual development plan for self-improvement.

4.3 Intended learning outcomes

Code	A student, who passed the course	Relation to learning outcomes
within the scope of KNOWLEDGE:		
W01	Knows and understands the basic concepts and principles of selected learning techniques, characterizes the conditions for an effective self-improvement process.	ID1A_W13
within the scope of ABILITIES:		
U01	Is able to use the acquired knowledge in the field of self-education techniques to present his/her own ideas, supporting them with theoretical arguments.	ID1A_U15
within the scope of SOCIAL COMPETENCE:		
K01	Is ready to create new solutions using creative self-education techniques while adhering to the rules and principles of professional ethics.	ID1A_K03

4.4. Methods of assessment of the intended learning outcomes

7.7. Methods of assessment of the intended learning outcomes																					
Teaching outcomes (code)	Method of assessment (+/-)																			Others* e.g. standardized test used in e-learning	
	Exam oral/written*			Test*			Project*			Effort in class*			Self-study*			Group work*					
	Form of classes			Form of classes			Form of classes			Form of classes			Form of classes			Form of classes					
	L	C	...	L	C	...	L	C	...	L	C	...	L	C	...	L	C	...	L		C
W01										+	+		+	+							
U01										+	+		+	+							
K01										+	+		+	+							

*delete as appropriate

4.5. Criteria of assessment of the intended learning outcomes

Form of classes	Grade	Criterion of assessment
lecture (L) (including e-learning)	3	Demonstrates interest in the subject.
	3,5	Understands the psychopedagogical aspects of effective learning and teaching.
	4	Understands the essence of the learning process as an act of social communication.
	4,5	Understands the mechanisms of remembering and forgetting information.
	5	Can effectively listen to lectures and is familiar with various methods of note-taking and obtaining information online.
	3	Uses various sources of information.
	3,5	Demonstrates the ability to work with scientific texts and attempts to prepare them.

Seminar (C*) (including e-)	4	Demonstrates commitment to group work when developing specific issues related to self-education techniques.
	4,5	Prepared a multimedia presentation on a selected method or technique used in self-education.
	5	Developed a plan for individual development and decision-making using information technology, lifelong self-education – multimedia presentation.

5. BALANCE OF ECTS CREDITS – STUDENT'S WORK INPUT

Category	Student's workload	
	Full-time studies	Extramural studies
<i>NUMBER OF HOURS WITH THE DIRECT PARTICIPATION OF THE TEACHER / CONTACT HOURS/</i>	30	
<i>Participation in lectures*</i>	15	
<i>Participation in classes, seminars, laboratories*</i>	15	
<i>INDEPENDENT WORK OF THE STUDENT/NON-CONTACT HOURS/</i>	20	
<i>Preparation for the lecture*</i>	5	
<i>Preparation for the classes, seminars, laboratories*</i>	10	
<i>Preparation of multimedia presentation</i>	5	
TOTAL NUMBER OF HOURS	50	
ECTS credits for the course of study	2	

**delete as appropriate*

Accepted for execution (date and legible signatures of the teachers running the course in the given academic year)

E. Buchnic