

Polish course name	<b>KREATYWNOŚĆ PRACOWNIKÓW I TWÓRCZE ZESPOŁY</b>
English course name	<b>CREATIVITY OF EMPLOYEES AND CREATIVE TEAMS</b>
Course code	<b>WIP-MDL-D1-COEAC-07</b>
Field of study	<b>Materials design and logistics</b>
Level of qualification	<b>First degree</b>
Form of study	<b>Full-time</b>
Semester	<b>7</b>
Number of ECTS points	<b>2</b>
Ways of assessment	<b>Test</b>

**Number of hours per semester**

<b>Lecture</b>	<b>Seminar</b>	<b>Classes</b>	<b>Laboratory</b>	<b>Project</b>
15	15			

**TEACHERS:**

Dr inż. Ewa Staniewska,

Dr inż. Monika Górka.

**COURSE OBJECTIVES:**

- › **C1** Provide students with knowledge in the field of creativity, the creative process as well as methods and techniques of creativity.
- › **C2** Students acquire practical skills in the field of analysis and solving practical problems.

**PRELIMINARY REQUIREMENTS FOR KNOWLEDGE, SKILLS AND OTHER COMPETENCES:**

1. Basic general knowledge.
2. Ability to work independently and in a group.
3. Ability to use literature sources and internet resources.

**COURSE CONTENT**

**LECTURE**

- › **L1 - L 3** Basic concepts of creativity. Creative processes. Kinds of creativity: explorations - combinations - transformations. Factors favoring creativity and limitations of the creative process.
- › **L 4** Creative communication, persuasive communication, communication in a group.
- › **L 5 - L 10** Methods of creative thinking. Rules for creating creative sessions. Tools for examining creative predispositions. Self-assessment questionnaire and psychometric analysis. Questionnaire of the creative attitude of employees.
- › **L 11 - L 14** Organizational culture and creativity. - Creativity in the workplace. Building creative teams.
- › **L 15** Completion of the course.

## **SEMINARY**

- › **S1** Introduction to classes and scope.
- › **S2** The role of productive and critical thinking in creativity.
- › **S3** Associations as a source of creative thinking.
- › **S4 - S7** Analytical and heuristic techniques.
- › **S8** The design thinking process.
- › **S9** The process of assessing creativity.
- › **S10** Methods and techniques for stimulating creativity.
- › **S11** Organizational creativity and innovation.
- › **S12** Model of creative organization.
- › **S13** Management and creative teams.
- › **S14,15** Presentations and passing the course.

## **BASIC REFERENCES**

1. H. Bieniok, G. Gruszczyńska –Malec, G. Królik: Techniki Kreatywnego myślenia, Wyd. UE w Katowicach, Katowice 2013 r.
2. M. Brzeziński: Organizacja kreatywna, PWN, Warszawa 2009 r.
3. T. Hurson: Genialiny umysł. Jak myśleć i działać kreatywnie, Helion, Gliwice 2010 r.

## **SUPPLEMENTARY REFERENCE MATERIALS**

1. E. Nęcka i współautorzy, Trening twórczości, Smak Słowa, Sopot 2019 r.

2. Wojtczuk-Turek A., Rozwijanie kompetencji twórczych, Of. Wyd. SGH,  
Warszawa 2008 r.

### LEARNING OUTCOMES

- › **EU1** The student has knowledge of creativity and the creative process, and knows the basic methods and techniques of creativity.
- › **EU2** The student is able to apply selected methods to solve practical problems.

### TEACHING TOOLS

- › Multimedia presentations.
- › CUT e-learning platform (possible use).

### WAYS OF ASSESSMENT (F – FORMATIVE, P – SUMMATIVE)

- › **F1.** Assessment of the implementation of tasks included in the curriculum and presentation.
- › **P1.** Assessment of the mastery of the teaching material within the lectures - final test.

### STUDENT WORKLOAD

Form of activity	Number of hours	ECTS
Contact hours with the teacher		
Lectures	15	0,6
Seminar	15	0,6
Classes		
Laboratory		
Project		
Test	3	0,12
Exam		
Total contact hours	33	1,32
Student's own work		
Getting acquainted with the indicated literature	5	0,2
Preparation for seminar	5	0,2
Preparation for classes		
Preparation for lab		

Project preparation		
Consultation	2	0,08
Preparation for the test	5	0,2
Total student's own work	17	1,68
<b>Total number of hours/ ECTS points for the course</b>	<b>50</b>	<b>2,0</b>

### ADDITIONAL INFORMATION

Timetable of classes	<a href="https://wip.pcz.pl/dla-studentow/plan-zajec/studia-stacjonarne">https://wip.pcz.pl/dla-studentow/plan-zajec/studia-stacjonarne</a>
Information about the consultation (time + place)	<a href="https://wip.pcz.pl/dla-studentow/konsultacje-dla-studentow">https://wip.pcz.pl/dla-studentow/konsultacje-dla-studentow</a>

### MATRIX OF LEARNING OUTCOMES REALISATION

Learning outcome	Reference of given outcome to outcomes defined for whole program	Course objectives	Course content	Ways of assessment
EU 1	K_W07, K_U02, K_K01, K_K02, K_K03,	C1	L1 - L15	P1
EU 2	K_W07, K_U04, K_K01, K_K02, K_K03,	C2	S1 - S15	F1

### FORM OF ASSESSMENT - DETAILS

**EU1** The student has knowledge of creativity and the creative process, and knows the basic methods and techniques of creativity.

- › 2,0 The student does not have basic knowledge of creativity and the creative process as well as basic methods and techniques of creativity.
- › 3,0 The student has basic knowledge of creativity and the creative process and knows the basic methods and techniques of creativity.

- › 3,5 The student has mastered the basic knowledge of creativity and the creative process and knows the basic methods and techniques of creativity sufficiently plus.
- › 4,0 The student has knowledge of creativity and the creative process, and knows the basic methods and techniques of creativity.
- › 4,5 The student has mastered the basic knowledge of creativity and the creative process and knows the basic methods and techniques of creativity to a good plus degree.
- › 5,0 The student has a significant knowledge of creativity and the creative process, and knows the basic methods and techniques of creativity.

**EU2** The student is able to apply selected methods to solve practical problems,

- › 2,0 The student is not able to apply selected methods to solve practical problems,
- › 3,0 The student is able to partially apply selected methods to solve practical problems,
- › 3,5 The student is able to sufficiently plus apply selected methods to solve practical problems,
- › 4,0 The student is able to apply selected methods to solve practical problems,
- › 4,5 The student is able to apply selected methods to solve practical problems to a good plus degree,
- › 5,0 The student is able to very well apply selected methods to solve practical problems,