

Course code A.3. Course item

1. INFORMATION ABOUT THE COURSE

A. Basic information

Course title	English
Field of study	Computer Aided Engineering
Cycle	<i>Second</i>
Study profile	<i>Academic</i>
Study mode	<i>Full-time</i>
Specialisation	<i>Not relevant</i>
Unit responsible for the field of study	<i>Faculty of Mechanical Engineering</i>
Lecturer	<i>Mgr Barbara Gałgańska</i>
Introductory courses	<i>Completion of secondary school courses, 2 degree study two year course.</i>
Prerequisites	<i>Education cycle within the program of secondary school and course of English completed at 1 degree studies.</i>

B. Semester/ weekly timetable

Semester	Lectures	Classes	Laboratories	Project classes	Seminars	Field experience	ECTS credits
II	-	-	30	-	-	-	2

LEARNING OUTCOMES (acc. to National Qualifications Framework)

No.	Description of learning outcomes	Reference to learning outcomes for the field of study	Reference to learning outcomes for the area of study
KNOWLEDGE			
K1	Has knowledge at B+ level in the field of economic and legal aspects of engineering	CAE_W09	T2A_W08, T2A_W10, T2A_W11
K2	Has knowledge at B+ level in the field of mathematics, physics useful for formulation of physical and mathematical models and physical phenomena to be simulated	CAE_W10	T2A_W01
SKILLS			
S1	Can use English in the field of design, maintenance and operation of technical objects defined by B+ level of European System for Education Description	CAE_U11	T2A_U06

S2	Can prepare a report in English presenting results of own research, on the basis of knowledge of design maintenance and operation of technical objects including general aspects.	CAE_U08	T2A_U03, T2A_U10
S3	Can take advantage of foreign literature in the field of design maintenance and operation of technical objects	CAE_U09	T2A_U04
SOCIAL COMPETENCES			
SC1	Is aware of the need to continue education.	CAE_K01	T2A_K01
SC2	Can effectively work in a team	CAE_K03	T2A_K03

2. TEACHING METHODS

multimedia lecture, laboratory classes, presentation, discussion, educational games, translation practice, exercises.

2. METHODS OF EXAMINATION

Oral examination, exercises, colloquium, speech, translation, presentation

3. COURSE CONTENT

Specify the content separately for each type of classes in accordance with point I.B.	<ol style="list-style-type: none"> 1. language issues (prepositions, phrasal verbs, word formation, word order. Linking words) 2. Mechanical devices in different fields of life (business, medicine, architecture, transport, industry) 3. Computer Aided Design – theory 4. Cisco – computer systems, networks, communication methods 5. Information technology (the internet, computers, cell phones) 6. Engineering in sustainable development 7. vocabulary in the field of mathematics and physics.
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4. VALIDATION OF LEARNING OUTCOMES

(Each learning outcome from the list requires validation methods to ensure that it was achieved by a student.)

Learning outcome	Form of assessment (for example:)					
	Oral examination	Exercises	Colloquium	speech	translation	presentation
K1		x				
...			x	x		x
S1	x					
...		x				
SC1		x				
...					x	

5. LITERATURE

Basic literature	Barbara Gałgańska 'Mechanical Devices Make Life Easier' University Publishing Office University of Technology and Life Sciences in Bydgoszcz, 2010
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Supplementary literature	<u>Barbara & Marcin Otto 'Here Is the News' I i II cz. Wydawnictwa Szkolne i Pedagogiczne 1996</u> <u>Virginia Evans , FCE Use of English, Express Publishing, 2008</u> <u>Małgorzata Cieślak English repetytorium leksykalno gramatyczne, Wagros, 2002.</u>
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6. TOTAL STUDENT WORKLOAD REQUIRED TO ACHIEVE EXPECTED LEARNING OUTCOMES EXPRESSED IN TIME AND ECTS CREDITS

Student's activity	Student workload— number of hours (for example:)
Participation in classes	30
Preparation for classes	10
Reading assignments	10
Presentation, tests, speeches	10
Total student workload	60
Number of ECTS credits allocated by the lecturer	2
Final number of ECTS credits (determined by the Programme Council for the Field of Study)	2