Zachodniopomorski Uniwersytet Technologiczny w Szczecinie

Faculty of Chemical Technology and Engineering

Field of study	Chemical Engineering		
Mode of study	stationary	*Level*	first cycle
Graduate's qualification	inżynier		
Area(s) of study	nauki techniczne		
Educational profile	general academic		
Module			
Course unit	**Foreign Language I**		
Code	ChEn_1A_S_B04a		
Field of specialisation			
Administering faculty	Studium Praktycznej Nauki Języków Obcych		
ECTS	5,0	*ECTS (forms)*	5,0
Form of course credit	credits	*Language*	english
Electives		*Elective group*	

Form of instruction	*Code*	*Semester*	*Hours*	*ECTS*	*Weight*	*Credit*
foreign language course	LK	1	75	5,0	1,00	credits

Leading teacher	Stelmaszczyk Marek (Marek.Stelmaszczyk@zut.edu.pl)
Other teachers	Doroch Alina (Alina.Doroch@zut.edu.pl), Maziarz Anna (Anna.Maziarz@zut.edu.pl), Obstawski Andrzej (Andrzej.Obstawski@zut.edu.pl)

Prerequisites	
W-1	The necessary prerequisIte for attending the course is the knowledge of English/Germany at level B2 of CEFR.

Module/course unit objectives	
C-1	The aim of the course is to obtain the skills to function in an academic environment using various linguistic techniqes including writing a paper, making a presentation and communicating at conferences.

Course content divided into various forms of instruction		*Number of hours*
T-LK-1	Introduction to academic English/Germany –key nouns; verbs; adverbs, adjectives.	4
T-LK-2	Phrasal verbs in academic English/Germany.	4
T-LK-3	Key quantifying expressions (article – summary).	4
T-LK-4	Words with several meanings (words with different academic meaning).	4
T-LK-5	Metaphors and idioms in academic English/Germany.	2
T-LK-6	Nouns and the words they combine with; Adjective and noun combinations; Verbs and the words they combine with.	6
T-LK-7	Writing a report (nouns, adjective, verbs combinations).	4
T-LK-8	Discussing plagiarism – debate.	4
T-LK-9	Prepositional phrases, verbs, nouns and prepositions in academic articles. Writing an article.	6
T-LK-10	Fixed expressions in reports.	4
T-LK-11	Case study based on the example from National Geographic magazine.	6
T-LK-12	Source materials.	2
T-LK-13	Facts, evidence and data; numbers, statistics, graphs and diagrams.	6
T-LK-14	Writing a review of an article.	4
T-LK-15	Applications and application forms.	2
T-LK-16	Academic courses (academic terminology). Applying for an academic course.	4
T-LK-17	Study habits and skills; online courses. Online courses presentations.	6
T-LK-18	Financial arrangements and education. Searching the web for university offers – presentation of various university arrangements (students' project).	3

Student workload - forms of activity		*Number of hours*
A-LK-1	Practical classes	75
A-LK-2	Preparation for classes	70
A-LK-3	Individual tutorials	5

Teaching methods / tools	
M-1	Practical classes
M-2	Group work

Teaching methods / tools	
M-3	Presentation
M-4	Discussion
M-5	Work with text
M-6	Listening comprehension

Evaluation methods (F - progressive, P - final)		
S-1	F	Presentation (F)
S-2	F	Test

Designed learning outcomes	Reference to the learning outcomes designed for the fields of study	Reference to the learning outcomes defined for the particular areas of education	Reference to learning outcomes leading to the degree of "inżynier"	Course objectives	Course content	Teaching methods	Evaluation methods
Knowledge							
ChEn_1A_B04a_W01 Has the knowledge necessary to understand academic language crucial for writing academic papers, reading the papers at conferences and conducting a discourse pertainin to engineering activity.	ChEn_1A_W16	P6S_WG_TA11	P6S_WG_IA11	C-1	T-LK-1 T-LK-12 T-LK-2 T-LK-13 T-LK-4 T-LK-16 T-LK-5 T-LK-17 T-LK-6 T-LK-18 T-LK-9	M-1 M-2 M-3 M-4 M-5 M-6	S-1 S-2
Skills							
ChEn_1A_B04a_U01 A student is able to communicate with professionals and others employing various techniques when transferring information in English and completing an engineering task. A student is able to prepare in English a report, review and presentation using a repertoir of relevenant techniques. A student is able to improve his communication and academic skills.	ChEn_1A_U02 ChEn_1A_U03 ChEn_1A_U05 ChEn_1A_U06 ChEn_1A_U11	P6S_UK P6S_UU P6S_UW_TA12 P6S_UW_TA14	P6S_UW_IA12	C-1	T-LK-7 T-LK-11 T-LK-8 T-LK-18 T-LK-10	M-1 M-2 M-3 M-4 M-5 M-6	S-1 S-2
Other social / personal competences							
ChEn_1A_B04a_K01 A student is aware of the necessity of developing and perfecting his language competences.	ChEn_1A_K02 ChEn_1A_K06	P6S_KO		C-1	T-LK-8 T-LK-15 T-LK-11	M-1 M-2 M-3 M-4 M-5 M-6	S-1 S-2

Required reading

1. Michael McCarthy, Felicity O'Dell, Academic Vocabulary in Use, Cambridge University Press, 2008
2. Sarah Lane, Instant academic skills, Cambridge University Press, 2011
3. Julia Braun-Podeschwa, Charlotte Habersack, Angela Pude, Menschen Kursbuch, 2018
4. Aspekte, Ute Koithan, Nana Ochmann et al., 2018

Supplementary reading

1. Michael McCarthy, Felicity O'Dell, Academic Vocabulary in Use, Cambridge University Press, 2008
1. Sarah Lane, Instant academic skills, Cambridge University Press, 2011
2. E.H.Glendinning, Oxford English for Careers: Technology 1, Oxford University Press, 2007
3. Nanotechnology's big impact, https://www.acs.org/content/dam/acsorg/education/resources/highschool/chemmatters/articlesbytopic/bonding/chemmatters-oct2009-
4. Environmental, health and safety aspects of nanotechnology— implications for the R&D in (small) companies,, https://www.tandfonline.com/doi/pdf/10.1016/j.stam.2006.11.020?needAccess=true
5. Environmental impacts of nanotechnology and its products,, https://www.asee.org/documents/sections/midwest/2011/ASEE-MIDWEST_0030_c25dbf.pdf
6. Effects of nanoparticles on the environment and outdoor workplaces,, https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4477780/
7. The global Warming debate: A case study, http://chem.ucr.edu/documents/case_study/gw_case_intro.pdf
8. Scientists discover 'supramolecule' that could help reduce nuclear, agricultural waste, http://www.chemistry2011.org/news/InorganicChemistry/NuclearChemistry/Radiochemistry/ScientistsDiscoverSupramoleculeThatCouldHelpReduceNuclearAgriculturalWaste
9. Journals step up plagiarism policing, https://www.nature.com/news/2010/100705/full/466167a.html
10. Chemistry World, https://www.chemistryworld.com/1024.type