Content

1. Active participation at a conference I	2
2. Active participation at a conference II	4
3. Defence of the dissertation	6
4. Dissertation exam	
5. Dissertation project	
6. English language 1	
7. English language 2	
8. Experimental work I	
9. Experimental work II	20
10. Experimental work III.	
11. Experimental work IV	
12. Experimental work V	
13. Experimental work VI	
14. Experimental work VII	
15. Inorganic technologies and materials I	
16. Inorganic technologies and materials II	
17. Publishing activity I	
18. Publishing activity II	

Faculty: FunGlass C	l'entre					
Course unit code: CPV/atK1d/23	1 1					
Types of education Recommended dur	ration of education (in hours): he whole period of study: 132					
Number of credits: :	5					
Recommended seme	ester/trimester of study: 4.					
Degree of study: III.						
Prerequisites: CPV/a	atExP3d/22 and CPV/atAnjd 2/22					
	Accomplishment of the course unit: esults of the student's experimental work at national conference in the form of English language.					
conclusions with the presentation at a prot	to present these results to the audience, and can respond promptly to questions					
student's own choice - Processing the resu - Presentation of resu	nal literature according to the supervisor's recommendation and according to					
-	rature: literature related to the topic of the dissertation according to student's own g to the supervisor's recommendation.					
Language which is r Slovak, English	necessary for accomplishment of the course unit:					
Notes: In case of active part	ticipation in several conferences, the number of credits will multiply participation at a conference does not replace the presentation of results at the					

Course evaluation passed/failed Number of evaluated students: 0						
A A	B	C	D	Е	Fn	Fx
0.0	0.0	0.0	0.0	0.0	0.0	0.0
Teachers: prof. Ing. Dušan Galusek, DrSc., doc. Ing. Róbert Klement, PhD., Dr. h. c. prof. Ing. Marek Liška, DrSc., Ing. Milan Parchovianský, PhD., Ing. Anna Prnová, PhD., Ing. Dagmar Galusková, PhD., doc. Ing. Mária Chromčíková, PhD., Ing. Jozef Kraxner, PhD., Ing. Martin Michálek, PhD., doc. Dr. Amirhossein Pakseresht, doc. José Joaguín Velázquez García, Zulema Vargas, doc. Ing. Peter Vrábel, Dr., Akansha Akansha, Arish Dasan, Ing. Branislav Hruška, PhD., Ing. Monika Michálková, PhD.						
Last modification date: 21.09.2023						
Approved by: prof. Ing. Dušan Galusek, DrSc.						

University: Alexande	er Dubček University of Trenčín
Faculty: FunGlass C	entre
Course unit code: CPV/atK2d/23	Course unit title: Active participation at a conference II
Types of education Recommended dur	ration of education (in hours): he whole period of study: 132
Number of credits: 5	5
Recommended seme	ester/trimester of study: 6.
Degree of study: III.	
Prerequisites: CPV/a	atExP5d/22 and CPV/atAnjd 2/22
Presentation of the re-	ccomplishment of the course unit: esults of the student's experimental work at minimally national conference in , or post, in English language.
independently, and pr - The student is able	to summarize the results of his/her experimental work, formulate conclusions rocess them into a form that can be used for presentation at a professional event. to present these results in front of a professional audience, and can respond s posed for presentation.
student's own choice - Processing the resu - Presentation of resu	hal literature according to the supervisor's recommendation and according to
•	rature: literature related to the topic of the dissertation according to student's own g to the supervisor's recommendation.
Language which is n Slovak, English	necessary for accomplishment of the course unit:
contribution is not ac participation in sever participation at a con seminar. Credits obta	form of a lecture is preferred. The poster is only acceptable if the student's eccepted as a lecture by the conference organizers. In the case of the active ral conferences, the number of credits will multiply accordingly. Active afference does not replace the presentation of results at the training workplace uned for the subject Active participation at a conference II do not replace the nt must obtain for the study part.

	Course evaluation passed/failed Number of evaluated students: 0						
А	В	С	D	E	Fn	Fx	
0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Teachers: prof. Ing. Dušan Galusek, DrSc., doc. Ing. Róbert Klement, PhD., Dr. h. c. prof. Ing. Marek Liška, DrSc., Ing. Milan Parchovianský, PhD., Ing. Anna Prnová, PhD., Ing. Dagmar Galusková, PhD., doc. Ing. Mária Chromčíková, PhD., Ing. Jozef Kraxner, PhD., Ing. Martin Michálek, PhD., doc. Dr. Amirhossein Pakseresht, doc. José Joaguín Velázquez García, Akansha Akansha, Arish Dasan, Ing. Branislav Hruška, PhD., Ing. Hana Kaňková, PhD., Surjyakanta Rana, Omid Sharifahmadian, Ing. Monika Michálková, PhD.							
Last modification date: 21.09.2023							
Approved by	Approved by: prof. Ing. Dušan Galusek, DrSc.						

	Subject information sneet
University: Alexande	er Dubček University of Trenčín
Faculty: FunGlass Co	entre
Course unit code: CPV/atODPd/22	Course unit title: Defence of the dissertation
Types of education: Recommended dur	ation of education (in hours): whole period of study:
Number of credits: 1	
Recommended seme	ester/trimester of study: 7., 8
Degree of study: III.	
Prerequisites: CPV/a	atPDPd/22 and CPV/atPČ2d/22
- Fulfilment of the Organisation of docto - Successful completi defence at the trainin the	oral studies at the Alexander Dubček University of Trenčín. minimum requirements for publishing activities defined in the Directive oral studies at the Alexander Dubček University of Trenčín. ion of the dissertation thesis defence before the Commission for the dissertation of workplace, answering the questions of the opponents, as well as answering e public debate by the members of the commission and the professional public
evaluate them and or from his/her research - He/she is able to pre- clearly and competen published in the prof posed by the professi - He/she orients in the thesis. - He/ she has the neces	o analyze and interpret the results of his/her experimental work, statistically n the basis of such an analysis can synthesize new and original conclusions h. esent the obtained results in a suitable way on a professional forum, he/she can ntly argue and discuss the obtained results in the light of the latest knowledge fessional literature, he/she can respond promptly and adequately to questions ional public. he issue and understands the broader context of solving his/her dissertation essary knowledge, practical and methodological skills to enable him/her to be cher or researcher in academic institutions and in the research and developmen
employed as a researc divisions of industria Brief course unit cor	cher or researcher in academic institutions and in the research and developmer al enterprises. Intent: esentation for the defense of the dissertation,

training workplace, answering the questions of the opponents, as well as answering the questions asked in the public debate by the members of the commission and the professional public.

Recommended Literature: - Book and magazine literature related to the topic of the dissertation thesis.					
Language which is necessary for accomplishment of the course unit: Slovak, English					
Notes:					
Course evaluation passed/failed Number of evaluated students: 2					
Fn	NPR	PR			
0.0	0.0	100.0			
Teachers:		· · · · · · · · · · · · · · · · · · ·			
Last modification date: 11.09.202	3				
Approved by: prof. Ing. Dušan Ga	lusek, DrSc.				

University: Alexander Dubček University of Trenčín				
Faculty: FunGlass C	Faculty: FunGlass Centre			
Course unit code: CPV/DSd/22	Course unit title: Dissertation exam			
Type, scope and method of educational activities: Types of education: Recommended duration of education (in hours): Per week: For the whole period of study: Study method: combined				

Number of credits: 20

Recommended semester/trimester of study: 3., 4..

Degree of study: III.

Prerequisites: CPV/atAMaTV2d/23

Conditions for the accomplishment of the course unit:

- passing all the compulsory and compulsory optional subjects,

- writing and submission of the Thesis of the dissertation in the range of 40-60 pages focused on the search of literary sources related to the topic of the dissertation and a summary of preliminary results of the dissertation (not a condition),

- recommendation of Thesis for defense by reviewers,

- successful completion of the dissertation exam.

Learning outcomes:

The student is familiar with current professional literature related to the topic of the dissertation. He/she can work with it, extract relevant information from it, analyze it and synthesize it into the design of goals and methods for solving his/her dissertation thesis. He/she orients himself/herself in the issue and understands the broader context of solving his/her dissertation thesis. Can present this knowledge in a professional forum and defend his views in a critical discussion and respond promptly to questions asked by the professional public.

Brief course unit content:

- Study of professional literature related to the topic of the dissertation.
- Analysis of studied knowledge.
- Preparation and writing of dissertation thesis.

- On the basis of the latest knowledge gained from the study and in consultation with the supervisor / supervisor specialist, specification of the objectives of the dissertation thesis.

- Preparation of a presentation for the dissertation exam, including preparation of answers to the opponent's questions.

Recommended Literature:

- Magazine and book literature related to the solution of the dissertation project according to the recommendation of the supervisor and according to the student's own choice.

Language which is necessary for accomplishment of the course unit: Slovak, English

Notes:

Course evaluation passed/failed Number of evaluated students: 8						
A	В	С	D	Е	Fn	Fx
87.5	0.0	12.5	0.0	0.0	0.0	0.0
Teachers:						
Last modification date: 11.09.2023						
Approved by	Approved by: prof. Ing. Dušan Galusek, DrSc.					

	er Dubček University of Trenčín			
Faculty: FunGlass Ce				
Course unit code: CPV/atPDPd/22	1 5			
Types of education: Recommended dura	ation of education (in hours): whole period of study: 308s			
Number of credits: 1	2			
Recommended seme	ster/trimester of study: 8.			
Degree of study: III.				
Prerequisites: CPV/a	ıtPČ2d/22			
submission of dissert - assessment of the or - assessment of the d	ccomplishment of the course unit: ation thesis, riginality of the dissertation thesis, lissertation thesis by at least 2 evaluators in accordance with the Directive- oral studies at the Alexander Dubček University of Trenčín.			
them and on the basi research. - He/she is able to pre-	analyze and interpret the results of his experimental work, statistically evaluate s of such an analysis can synthesize new and original conclusions from his esent the obtained results in a suitable way in written form, he can clearly and ad discuss the obtained results in the light of the latest knowledge published			
 interpretation of res where appropriate, i writing a dissertation study plan, 	al analysis of the results obtained, ults obtained and synthesis of conclusions, individual consultations with a specialist trainer / trainer, on in the form of a scientific dissertation on a topic defined in the individual dissertation (so-called discharge) in front of the members of the academic			
Recommended Liter - Book and magazine	ature: literature related to the topic of the dissertation thesis.			
Language which is n Slovak, English	ecessary for accomplishment of the course unit:			

Course evaluation passed/failed Number of evaluated students: 4						
А	В	С	D	Е	Fn	Fx
25.0	0.0	25.0	0.0	0.0	0.0	50.0
Marek Liška, DrSc., Ing. Milan Parchovianský, PhD., Ing. Anna Prnová, PhD., Ing. Dagmar Galusková, PhD., doc. Ing. Mária Chromčíková, PhD., Ing. Jozef Kraxner, PhD., Ing. Martin Michálek, PhD., doc. Dr. Amirhossein Pakseresht, doc. José Joaguín Velázquez García, Akansha Akansha, Rajesh Dagupati, Arish Dasan, Ing. Branislav Hruška, PhD., Si Chen, Ing. Hana Kaňková, PhD., Dr. Zuzana Neščáková, Ali Talimian, Zulema Vargas, Mgr. Michal Žitňan, PhD., Surjyakanta Rana, Omid Sharifahmadian, Ing. Monika Michálková, PhD.						
Last modification date: 11.09.2023						

٦

University: Alexande	r Dubček University of Trenčín
Faculty: FunGlass Ce	
Course unit code: CPV/atAnJd 1/22	Course unit title: English language 1
Types of education: Recommended dura	ation of education (in hours): the whole period of study: 24 / 24
Number of credits: 2	
Recommended seme	ster/trimester of study: 1.
Degree of study: III.	
Prerequisites:	
Summary evaluation Creative work as well to the topic of the d approaches). The other prerequisi the controlling, prese professional text whi complete successfully CV, while the student Final evaluation: Oral exam result eval After completing the discussion between th on the dissertation the Total (overall) resulting - 80 points, D: 61 - 70	e lectures and exercises (min. 80% attendance), which are in the form of a ne teacher and students, the doctoral students have to pass an exam with focus
skills in the field of environment, the stud which he can provide respond and provide professional commun professional approach coherently and promp educational activities acquired and deepend has improved skills an expressions, vocabula	nuously deepened language and professional knowledge and communication general, professional language as well as language used in the academic dent is able to monitor and analyze the latest scientific knowledge, about clear and understandable information, which means that is able to adequately coherent and systematic information in terms of coherent expression in ication. The student is able to inform in detail about the ways, principles, laws, hes that are characteristic of his dissertation. The student is able to respond ptly to comments and questions that directly relate to his / her research and , not only with a focus on the topic of the dissertation. The student also has ed knowledge in terms of the peculiarities of academic language and also nd knowledge in the use of language resources, conversation, terminological ary, reading, writing and listening. Based on analytical thinking, the student tions in terms of professional text and also can professionally summarize the

background information into complex topics, while obtaining the information from a variety of credible sources.

Brief course unit content:

Brief course unit content:

 Multiculturalism in the scientific community, specific aspects of international communication, respecting different cultural diversity, ethnicity + norms of social behaviour for different situations.
 Specific features of informal and formal language and its use in professional communication (characteristic features and phenomena in colloquial and professional language), distinctive specific features of academic/technical English.

3. Grammar patterns and rules – morphological and syntactic analysis, recognition of English language as an interactive source for communication, including nonverbal communication and polysemy for expressions in colloquial and professional (academic) style.

4. Spoken production and interaction (speaking) – public, formal spoken production and interpretation in the academic context, relating to English language (primary role of spoken production - interpretation vs. conversation), audiovisual aids...

5. Fundamental constituent units in academic writing style ("Informed texts", stylistic principles, organization of the text, including structure, abstracts, annotations, academic integrity ...).

6. Latin and foreign language words in professional language (loan translation = calque, interlingua homonyms, paronyms...); compound expressions in professional English, simplification of technical text and technical terms (creation of own technical monolingual dictionary) with a focus on the topic of the dissertation thesis.

7. Different academic reading methods and techniques from the aspect of obtaining and searching for the relevant, accurate information and key terms processing (skimming vs. scanning).

8. Training with selected formal/informal text – selective information retrieval, "reading between lines", interpretation using integrated interactive means or sources ("tools").

9. Selection of communication stylistic and linguistic language sources for preparation of some professional presentation (types, characteristics, useful expressions, structure of the presentation + interpretation, dissemination of the presented knowledge).

10. Training with specified professional, technical terminology with a focus on research activities in relation to the topic of the dissertation thesis – new, progressive approaches, methods, measuring instruments and equipment (description of measuring equipment, measurement procedure ...).

11. Listening characteristics – basic principles and rules for understanding and interpretation of the decoded content (main idea understanding, detailed information) with regard to multicultural diversity, note taking – mutual comparison.

12. Evaluation of the overall work activity and all prerequisites from the student's and teacher's point of view. Interpretation and presenting (summarizing) the knowledge within the solved dissertation thesis in order to accomplish the course – presentation.

Recommended Literature:

Language which is necessary for accomplishment of the course unit:

Notes:

Course evaluation passed/failed

Number of evaluated students: 42

А	В	С	D	Е	Fn	Fx
88.1	7.14	4.76	0.0	0.0	0.0	0.0
Teachers: Mgr. Silvia Koišová						

Last modification date: 11.09.2023

	Subject information sheet
University: Alexand	ler Dubček University of Trenčín
Faculty: FunGlass C	Centre
Course unit code: CPV/atAnjd 2/22	Course unit title: English language 2
Types of education Recommended du	thod of educational activities: a: Lecture / Practical ration of education (in hours): r the whole period of study: 24 / 60 mbined
Number of credits:	3
Recommended sem	ester/trimester of study: 2.
Degree of study: III	
Prerequisites: CPV	'atAnJd 1/22
approaches). The other prerequi the controlling, pre professional text wh complete successful CV, while the studen Final evaluation: Oral exam result eva After completing the discussion between on the dissertation the Total (overall) result	the lectures and exercises (min. 80% attendance), which are in the form of a the teacher and students, the doctoral students have to pass an exam with focus hesis solved. ting evaluation of the course unit: A: 91 - 100 points, B: 81 - 90 points, C: 71 70 points, E: 55 - 60 points, FX: less than 55 points.
On the basis of cont skills in the field o environment, the st which he can provid respond and provid	inuously deepened language and professional knowledge and communication of general, professional language as well as language used in the academic udent is able to monitor and analyze the latest scientific knowledge, about e clear and understandable information, which means that is able to adequately le coherent and systematic information in terms of coherent expression in nication. The student is able to inform in detail about the ways, principles, laws

professional communication. The student is able to inform in detail about the ways, principles, laws, professional approaches that are characteristic of his dissertation. The student is able to respond coherently and promptly to comments and questions that directly relate to his / her research and educational activities, not only with a focus on the topic of the dissertation. The student also has acquired and deepened knowledge in terms of the peculiarities of academic language and also has improved skills and knowledge in the use of language resources, conversation, terminological expressions, vocabulary, reading, writing and listening. Based on analytical thinking, the student

is able to find connections in terms of professional text and also can professionally summarize the background information into complex topics, while obtaining the information from a variety of credible sources.

Brief course unit content:

 Multiculturalism in the scientific community, specific aspects of international communication, respecting different cultural diversity, ethnicity + norms of social behaviour for different situations.
 Specific features of informal and formal language and its use in professional communication (characteristic features and phenomena in colloquial and professional language), distinctive specific features of academic/technical English.

3. Grammar patterns and rules – morphological and syntactic analysis, recognition of English language as an interactive source for communication, including nonverbal communication and polysemy for expressions in colloquial and professional (academic) style.

4. Spoken production and interaction (speaking) – public, formal spoken production and interpretation in the academic context, relating to English language (primary role of spoken production - interpretation vs. conversation), audiovisual aids...

5. Fundamental constituent units in academic writing style ("Informed texts", stylistic principles, organization of the text, including structure, abstracts, annotations, academic integrity ...).

6. Latin and foreign language words in professional language (loan translation = calque, interlingua homonyms, paronyms...); compound expressions in professional English, simplification of technical text and technical terms (creation of own technical monolingual dictionary) with a focus on the topic of the dissertation thesis.

7. Different academic reading methods and techniques from the aspect of obtaining and searching for the relevant, accurate information and key terms processing (skimming vs. scanning).

8. Training with selected formal/informal text – selective information retrieval, "reading between lines", interpretation using integrated interactive means or sources ("tools").

9. Selection of communication stylistic and linguistic language sources for preparation of some professional presentation (types, characteristics, useful expressions, structure of the presentation + interpretation, dissemination of the presented knowledge).

10. Training with specified professional, technical terminology with a focus on research activities in relation to the topic of the dissertation thesis – new, progressive approaches, methods, measuring instruments and equipment (description of measuring equipment, measurement procedure ...).

11. Listening characteristics – basic principles and rules for understanding and interpretation of the decoded content (main idea understanding, detailed information) with regard to multicultural diversity, note taking – mutual comparison.

12. Evaluation of the overall work activity and all prerequisites from the student's and teacher's point of view. Interpretation and presenting (summarizing) the knowledge within the solved dissertation thesis in order to accomplish the course – presentation.

Recommended Literature:

Wallwork, A. 2011. English for Writing Research Papers. Springer.

Wallwork, A. 2010. English for Presentations and International Conferences. Springer.

Wallwork, A. 2012. English for Research: Usage, Style, and Grammar. Springer.

Relevantná monografia vlastného odboru nie staršia ako 5 rokov v rozsahu 150 – 200 strán.

Štěpánek, L. a kol.: Akademická Angličtina. Grada Publishing, Praha. 2018. ISBN 978-80-271-0842-8

Hyland, K.: English for Academic Purposes: An Advanced Resource Book. Routledge, London. 2006. ISBN 978-04-153-5870-5

Murphy, M.: English Grammar in Use. University Press, Cambridge. 2004. ISBN 978-0-521-53289-1

Hashemi, L., Murphy M.: English Grammar in Use, Supplementary Exercises. University Press, Cambridge. 1995. ISBN 978-0-521-44954-5

Bailey, S.: Academic Writing: A Handbook for International Students. Routledge, London. 2011. ISBN 978-0-203-83165-6

papers from journals and scientific conferences according to PhD topic, not older 2-3 years

Language which is necessary for accomplishment of the course unit: English

Notes:

Course evaluation passed/failed

Number of evaluated students: 4

А	В	С	D	Е	Fn	Fx
100.0	0.0	0.0	0.0	0.0	0.0	0.0

Teachers: Mgr. Silvia Koišová

Last modification date: 11.09.2023

University: Alexande	er Dubček University of Trenčín
Faculty: FunGlass Ce	entre
Course unit code: CPV/atExP1d/22	Course unit title: Experimental work I
Types of education: Recommended dura	ation of education (in hours): whole period of study: 325s
Number of credits: 1	3
Recommended seme	ster/trimester of study: 1.
Degree of study: III.	
Prerequisites:	
 Completion of healt Completion of train Completion of train according to the supe Execution of labora plan of the doctoral statement 	hal literature and obtaining a basic overview of issues related to the topic of
familiar with the prin - The student is able to - The student will gai - The student can acti	s the basics of occupational safety in the chemical and physical laboratory, is aciples of good laboratory practice and can actively use them in their work. to work with professional literature and extract the necessary facts from it. in a basic overview of issues related to the topic of their dissertation thesis. ively use the laboratory equipment necessary for the project of his dissertation in accurate and correct results.
 study of professiona training to work with by the supervisor, experimental work in 	aining, s of scientific work, es of good laboratory practice, al literature as recommended by the supervisor, h experimental equipment needed for the dissertation project as recommended
Recommended Liter Book and magazine l	

	Slovak, English					
Notes:						
	nation passed/ valuated studer					
А	В	С	D	Е	Fn	Fx
25.0	50.0	25.0	0.0	0.0	0.0	0.0
Michálek, Ph Akansha, Raj PhD., Si Cher Sharifahmadi	D., doc. Dr. Ar esh Dagupati, 1 1, Ing. Hana Ka	nirhossein Pak Arish Dasan, p aňková, PhD., m, Zulema Va	cseresht, doc. J prof. Ing. Ján C Dr. Zuzana Ne	osé Joaguín Ve Jaraj, DrSc., In eščáková, Surjy	ner, PhD., Ing. elázquez Garcí g. Branislav H yakanta Rana, Dr., Mgr. Micha	a, Akansha Iruška, Omid
Last modific	ation date: 11	.09.2023				

University: Alexander Dubček University of Trenčín	
Faculty: FunGlass Centre	
Course unit code: CPV/atExP2d/22Course unit title: Experimental work II	
Type, scope and method of educational activities: Types of education: Practical Recommended duration of education (in hours): Per week: For the whole period of study: 300s Study method: combined	
Number of credits: 12	
Recommended semester/trimester of study: 2.	
Degree of study: III.	
Prerequisites: CPV/atExP1d/22	
 Conditions for the accomplishment of the course unit: Completion of training for work with experimental equipment needed for the dissertation proj according to the supervisor's recommendation. Execution of laboratory experiments according to the schedule defined in the Individual s plan of the doctoral student. Study of professional literature and extension of the overview in issues related to the topic or dissertation thesis. Presentation of results at the internal seminar of the training workplace. 	tudy
 Learning outcomes: The student will improve and develop the ability to work with professional literature and ext the necessary facts from it. The student will expand the overview of issues related to the topic of his/her dissertation the The student can actively use the laboratory equipment necessary for his/her dissertation pro and can use it to obtain accurate and correct results. The student is able to independently plan experiments and process their results. 	sis.
 Brief course unit content: Study of professional literature according to the supervisor's recommendation and according one's own choice. Training to work with the experimental equipment needed for the dissertation project according to the supervisor's recommendation and according to one's own choice. Experimental work in the laboratory. Consultation with a supervisor / specialist supervisor. 	-
Recommended Literature: Book and magazine literature related to the topic of the dissertation thesis as recommended by supervisor.	the
Language which is necessary for accomplishment of the course unit: Slovak, English	
Notes:	

	Course evaluation passed/failed Number of evaluated students: 4					
А	В	С	D	Е	Fn	Fx
0.0	75.0	25.0	0.0	0.0	0.0	0.0
Dagmar Galu Martin Michá Akansha Aka Hruška, PhD. Omid Sharifa	Teachers: prof. Ing. Dušan Galusek, DrSc., doc. Ing. Róbert Klement, PhD., Dr. h. c. prof. Ing. Marek Liška, DrSc., Ing. Milan Parchovianský, PhD., Ing. Anna Prnová, PhD., Ing. Dagmar Galusková, PhD., doc. Ing. Mária Chromčíková, PhD., Ing. Jozef Kraxner, PhD., Ing. Martin Michálek, PhD., doc. Dr. Amirhossein Pakseresht, doc. José Joaguín Velázquez García, Akansha Akansha, Rajesh Dagupati, Arish Dasan, prof. Ing. Ján Garaj, DrSc., Ing. Branislav Hruška, PhD., Si Chen, Ing. Hana Kaňková, PhD., Dr. Zuzana Neščáková, Surjyakanta Rana, Omid Sharifahmadian, Ali Talimian, Zulema Vargas, Mgr. Michal Žitňan, PhD., Ing. Monika Michálková, PhD.					
Last modification date: 11.09.2023						
Approved by: prof. Ing. Dušan Galusek, DrSc.						

University: Alexande	r Dubček University of Trenčín
Faculty: FunGlass Ce	entre
Course unit code: CPV/atExP3d/22	Course unit title: Experimental work III
Types of education: Recommended dura	ation of education (in hours): whole period of study: 770s
Number of credits: 3	0
Recommended seme	ster/trimester of study: 3.
Degree of study: III.	
Prerequisites: CPV/a	tExP2d/22
Completion of the train according to the super - Execution of laborat plan of the doctoral student.	Examplishment of the course unit: ning for work with experimental equipment needed for the dissertation project rvisor's recommendation. tory experiments according to the schedule defined in the Individual study al literature and extension of the overview in issues related to the topic of the
 extract the necessary The student will st dissertation thesis, and as well as in the plant The student can ad dissertation thesis and 	ther improve and develop the ability to work with professional literature and facts from it. ignificantly expand the overview of issues related to the topic of his/her d is able to use the acquired knowledge in the processing of dissertation thesis, hing of experiments and evaluation of results. ctively use the laboratory equipment necessary for the project of his/her d can use it to obtain accurate and correct results. o independently plan experiments and process their results.
own choice. - Training to work with to the supervisor's rec - Experimental work	al literature according to the trainer's recommendation and according to one's the experimental equipment needed for the dissertation project according commendation and according to one's own choice.
Recommended Liter Book and magazine li supervisor.	ature: iterature related to the topic of the dissertation thesis as recommended by the
Language which is n Slovak, English	ecessary for accomplishment of the course unit:

Notes:	,					
	nation passed/ valuated studer					
А	В	С	D	Е	Fn	Fx
36.97	28.57	21.01	10.08	3.36	0.0	0.0
Galusková, P Michálek, Ph Akansha, Raj Kaňková, Phl	hD., doc. Ing. D., doc. Dr. Aı esh Dagupati,	Mária Chromč nirhossein Pak Arish Dasan, I Neščáková, Su	íková, PhD., I sseresht, doc. J ng. Branislav urjyakanta Rar	ng. Jozef Krax osé Joaguín Ve Hruška, PhD., 1a, Omid Shari	á, PhD., Ing. D ner, PhD., Ing. elázquez Garcí Si Chen, Ing. I fahmadian, Ali hD.	Martin a, Akansha Hana
Last modification date: 11.09.2023						
Approved by	r: prof. Ing. Du	ıšan Galusek, l	DrSc.			

	Subject information sneet
University: Alexander D	ubček University of Trenčín
Faculty: FunGlass Centre	e
Course unit code: CPV/atExP4d/23Co	urse unit title: Experimental work IV
Types of education: Pra Recommended duratio	on of education (in hours): ole period of study: 132s
Number of credits: 5	
Recommended semester	-/trimester of study: 4.
Degree of study: III.	
Prerequisites: CPV/atEx	P3d/22
plan of the doctoral stude - Study of professional li topic of the dissertation t	y experiments according to the schedule defined in the Individual study ent. iterature and obtaining a comprehensive overview of issues related to the hesis, which the student will use in the dissertation exam. at the internal seminar of the training workplace.
 evaluation of its contribut analysis, synthesis of new and their evaluation. The student is able to i literature and to propose The student has a compa he uses in the Dissertation 	lity to work independently with professional literature, from its selection, tion to the dissertation project, through excerpting the necessary facts, their w conclusions, and the use of studied information in planning experiments ndependently formulate a scientific problem on the basis of the study of a procedure for its solution. rehensive overview of issues related to the topic of the dissertation, which n exam, as well as in the planning of experiments and evaluation of results. y use the laboratory equipment necessary for the dissertation project and rate and correct results.
one's own choice. - Training to work with t to the supervisor's recommenda - Experimental work in th	the experimental equipment needed for the dissertation project according to ation and according to one's own choice.
Recommended Literatu Book and magazine litera choice and as recommend	ature related to the topic of the dissertation thesis by student's own

Language which is necessary for accomplishment of the course unit: Slovak, English

Notes:

Course evaluation passed/failed

Number of evaluated students: 0						
А	В	С	D	Е	Fn	Fx
0.0	0.0	0.0	0.0	0.0	0.0	0.0

Teachers: prof. Ing. Dušan Galusek, DrSc., doc. Ing. Róbert Klement, PhD., Dr. h. c. prof. Ing. Marek Liška, DrSc., Ing. Milan Parchovianský, PhD., Ing. Anna Prnová, PhD., Ing. Dagmar Galusková, PhD., doc. Ing. Mária Chromčíková, PhD., Ing. Jozef Kraxner, PhD., Ing. Martin Michálek, PhD., doc. Dr. Amirhossein Pakseresht, doc. José Joaguín Velázquez García, Akansha Akansha, Rajesh Dagupati, Arish Dasan, Ing. Branislav Hruška, PhD., Si Chen, Ing. Hana Kaňková, PhD., Dr. Zuzana Neščáková, Surjyakanta Rana, Omid Sharifahmadian, Ali Talimian, Zulema Vargas, doc. Ing. Peter Vrábel, Dr., Mgr. Michal Žitňan, PhD., Ing. Monika Michálková, PhD.

Last modification date: 22.09.2023

University: Alexander	Dubček University of Trenčín
Faculty: FunGlass Cen	tre
Course unit code:CCPV/atExP5d/22	Course unit title: Experimental work V
Types of education: P Recommended durat	ion of education (in hours): hole period of study: 770s
Number of credits: 30	
Recommended semeste	er/trimester of study: 5.
Degree of study: III.	
Prerequisites: CPV/atE	ExP4d/23
- Execution of laborator plan of the doctoral stud	literature and further expansion of the overview of issues related to the topic
from its selection, evalu- necessary facts, their ar- planning experiments a - The student is able to literature and to propos - The student has a com- he/she uses in planning - The student can acti	her expand the ability to work independently with professional literature, uation of its contribution to the dissertation project, through excerpting the halysis, synthesis of new conclusions, and the use of studied information in and their evaluation. Independently formulate a scientific problem on the basis of the study of e a procedure for its solution. Inprehensive overview of issues related to the topic of the dissertation, which gexperiments and evaluating results. Invelve use the laboratory equipment necessary for the project of his/her can use it to obtain accurate and correct results.
one's own choice. - Training to work with to the supervisor's reco - Experimental work in	literature according to the supervisor's recommendation and according to a the experimental equipment needed for the dissertation project according mmendation and according to one's own choice.
Recommended Literat Book and magazine lite supervisor.	ture: erature related to the topic of the dissertation thesis as recommended by the
Language which is nec Slovak, English	cessary for accomplishment of the course unit:
Notes:	

Course evaluation passed/failed Number of evaluated students: 5											
A B C D E Fn Fx											
100.0	0.0	0.0	0.0	0.0	0.0	0.0					
Teachers: prof. Ing. Dušan Galusek, DrSc., doc. Ing. Róbert Klement, PhD., Dr. h. c. prof. Ing. Marek Liška, DrSc., Ing. Milan Parchovianský, PhD., Ing. Anna Prnová, PhD., Ing. Dagmar Galusková, PhD., doc. Ing. Mária Chromčíková, PhD., Ing. Jozef Kraxner, PhD., Ing. Martin Michálek, PhD., doc. Dr. Amirhossein Pakseresht, doc. José Joaguín Velázquez García, Akansha Akansha, Rajesh Dagupati, Arish Dasan, Ing. Branislav Hruška, PhD., Si Chen, Ing. Hana Kaňková, PhD., Dr. Zuzana Neščáková, Surjyakanta Rana, Omid Sharifahmadian, Ali Talimian, Zulema Vargas, Mgr. Michal Žitňan, PhD., Ing. Monika Michálková, PhD.											
Last modific:	ation date: 11	.09.2023									
Approved by	: prof. Ing. Du	išan Galusek, I	DrSc.		Approved by: prof. Ing. Dušan Galusek, DrSc.						

	Subject information sheet
University: Alexander	r Dubček University of Trenčín
Faculty: FunGlass Ce	ntre
Course unit code: CPV/atExP6d/22	Course unit title: Experimental work VI
Types of education: Recommended dura	ntion of education (in hours): vhole period of study: 374s
Number of credits: 1	5
Recommended semes	ster/trimester of study: 6.
Degree of study: III.	
Prerequisites: CPV/at	tExP5d/22
of the dissertation the - Presentation of resul Learning outcomes: - The student will fun from its selection, eva	l literature and further expansion of the overview of issues related to the topic sis. Its at the internal seminar of the training workplace Ther expand the ability to work independently with professional literature, aluation of its contribution to the dissertation project, through excerpting the analysis, synthesis of new conclusions, and the use of studied information in
 The student has a conhe/she actively uses in The student can actively activ	mprehensive overview of issues related to the topic of the dissertation, which n planning experiments and evaluating results. etively use the laboratory equipment necessary for the project of his/her se it to obtain accurate and correct results.
one's own choice. - Processing of result scientific event and in - Processing of results	tent: al literature according to the supervisor's recommendation and according to its and preparation of materials for publishing results at an international a professional periodical. and preparation of materials for writing the dissertation. supervisor / specialist supervisor.
Recommended Litera	
_	ecessary for accomplishment of the course unit:
Notes:	

Course evalu Number of ev	ation passed/ valuated studer						
A B C D E Fn Fx							
100.0	0.0	0.0	0.0	0.0	0.0	0.0	
Teachers: prof. Ing. Dušan Galusek, DrSc., doc. Ing. Róbert Klement, PhD., Dr. h. c. prof. Ing. Marek Liška, DrSc., Ing. Milan Parchovianský, PhD., Ing. Anna Prnová, PhD., Ing. Dagmar Galusková, PhD., doc. Ing. Mária Chromčíková, PhD., Ing. Jozef Kraxner, PhD., Ing. Martin Michálek, PhD., doc. Dr. Amirhossein Pakseresht, doc. José Joaguín Velázquez García, Akansha Akansha, Rajesh Dagupati, Arish Dasan, Ing. Branislav Hruška, PhD., Si Chen, Ing. Hana Kaňková, PhD., Dr. Zuzana Neščáková, Surjyakanta Rana, Omid Sharifahmadian, Ali Talimian, Zulema Vargas, Mgr. Michal Žitňan, PhD., Ing. Monika Michálková, PhD.							
Last modific:	ation date: 11	.09.2023					
Approved by	Approved by: prof. Ing. Dušan Galusek, DrSc.						

Faculty: FunGlass Centre Course unit code: CPV/atExP7d/22 Course unit title: Experimental work VII Type, scope and method of educational activities: Types of education: Practical Recommended duration of education (in hours): Per week: For the whole period of study: 770s Study method: combined Number of credits: 30 Recommended semester/trimester of study: 7. Degree of study: III.
CPV/atExP7d/22 Type, scope and method of educational activities: Types of education: Practical Recommended duration of education (in hours): Per week: For the whole period of study: 770s Study method: combined Number of credits: 30 Recommended semester/trimester of study: 7.
Types of education: Practical Recommended duration of education (in hours): Per week: For the whole period of study: 770s Study method: combined Number of credits: 30 Recommended semester/trimester of study: 7.
Recommended semester/trimester of study: 7.
Degree of study: III.
Prerequisites: CPV/atExP6d/22
 Conditions for the accomplishment of the course unit: Execution of laboratory experiments according to the schedule defined in the individual study plan of the doctoral student. Final evaluation, analysis, drawing conclusions and preparation of documents for writing the dissertation. Presentation of results at the internal seminar of the training workplace.
 Learning outcomes: The student is able to work with professional literature to the extent that allows him/her to independently prepare publications in international professional periodicals. The student is able to independently formulate a scientific problem on the basis of the study of literature and to propose a procedure for its solution, to plan an experiment and to carry it out independently. The student is able to independently evaluate the performed experiments, draw valid conclusions from them and present the results of their experimental work in the form of a scientific dissertation (dissertation thesis).
 Brief course unit content: Study of professional literature according to the supervisor's recommendation and according to one's own choice. Processing of results and preparation of materials for publishing results at an international scientific event and in a professional periodical. Processing of results and preparation of materials for writing the dissertation thesis, Consultation with a supervisor / specialist supervisor.
Recommended Literature: Book and magazine literature related to the topic of the dissertation thesis as recommended by the supervisor.
Language which is necessary for accomplishment of the course unit: Slovak, English
Notes:

	ation passed/						
A B C D E Fn Fx							
40.0	60.0	0.0	0.0	0.0	0.0	0.0	
Teachers: prof. Ing. Dušan Galusek, DrSc., doc. Ing. Róbert Klement, PhD., Dr. h. c. prof. Ing. Marek Liška, DrSc., Ing. Milan Parchovianský, PhD., Ing. Anna Prnová, PhD., Ing. Dagmar Galusková, PhD., doc. Ing. Mária Chromčíková, PhD., Ing. Jozef Kraxner, PhD., Ing. Martin Michálek, PhD., doc. Dr. Amirhossein Pakseresht, doc. José Joaguín Velázquez García, Akansha Akansha, Rajesh Dagupati, Arish Dasan, Ing. Branislav Hruška, PhD., Si Chen, Ing. Hana Kaňková, PhD., Dr. Zuzana Neščáková, Surjyakanta Rana, Omid Sharifahmadian, Ali Talimian, Zulema Vargas, Mgr. Michal Žitňan, PhD., Ing. Monika Michálková, PhD.							
Last modific	ation date: 11	.09.2023					
Approved by	Approved by: prof. Ing. Dušan Galusek, DrSc.						

University: Alexande	r Dubček University of Trenčín
Faculty: FunGlass Ce	entre
Course unit code: CPV/ atAMaTV1d/22	Course unit title: Inorganic technologies and materials I
Types of education: Recommended dura	ation of education (in hours): or the whole period of study: 120 / 276
Number of credits: 1	5
Recommended seme	ster/trimester of study: 1.
Degree of study: III.	
Prerequisites:	
The condition for pas - Completion of all m - The conditions for gr of credits awarded for relevant modules. The final evaluation of the final evaluation of evaluation of individu $W=\#(\sum_{i=1})^n \text{ wiX}$ Where Xi represents numerical values are 3, FX = 4. The parameter wi is a the relevant module. According to the val- whereby the mark A value of W in a close 2.49#, mark D to the interval #3.00; 3.49#,	of the subject is calculated as the weighted arithmetic average W of the al modules, using the following formula:
scientific work, • Gains advanced kno o physical chemistry and ceramic materials o atom structures and	nciples of scientific ethics and research integrity and can apply them in their owledge on the field of: with a specific focus on thermodynamics of glasses, glass-forming systems s, chemical bonding theories,

o chemistry, thermochemistry and chemical kinetics, o types of chemical reactions and chemistry of selected chemical compounds,

o technology of inorganic materials.

• Has complex information and an overview of the most important inorganic non-metallic materials used in common technical practice and technologies of their production and preparation.

• Knows about the latest trends in research and development of advanced inorganic non-metallic materials, the method, scope and limits of their use, the latest trends in their development and methods and methods of their characterization.

• Within the optional modules, they will gain in-depth knowledge of specific aspects of the development, use and characterization of non-metallic inorganic materials directly related to the topic of the student's dissertation.

Brief course unit content:

Compulsory modules:

- Ethics of scientific work and research integrity,
- Physical chemistry,
- Atom structure and chemical bond theory,
- Chemistry, thermochemistry and chemical kinetics,
- Types of chemical reactions and chemistry of selected chemical compounds,
- Fundamentals of the technology of inorganic materials.
- Compulsory optional modules:
- Engineering ceramics: classification and properties,
- Mechanical properties of materials,
- Experimental mechanics,
- Functional properties of materials and methods of their measurement,
- Biomaterials: introduction,
- Biomaterials: Preparation, characterization and use,
- Coating and thin films: Preparation of characterization.

Detailed descriptions of the content of individual modules are given in the descriptions of the respective modules.

Recommended Literature:

Language which is necessary for accomplishment of the course unit:

Slovak, English

Notes:

profile subject

Course evaluation passed/failed

Number of evaluated students: 115

А	В	С	D	Е	Fn	Fx	
35.65	29.57	20.87	10.43	3.48	0.0	0.0	

Teachers: prof. Ing. Dušan Galusek, DrSc., doc. Ing. Róbert Klement, PhD., Dr. h. c. prof. Ing. Marek Liška, DrSc., Ing. Anna Prnová, PhD., doc. Dr. Amirhossein Pakseresht, RNDr. Soňa Ftáčniková, PhD., Ing. Branislav Hruška, PhD., doc. Ing. Mária Chromčíková, PhD., Ing. Jana Valúchová, PhD., Ali Talimian, Ing. Martin Michálek, PhD., Dr. Zuzana Neščáková, Omid Sharifahmadian, Ing. Milan Parchovianský, PhD., Dr. Kamalan Kirubaharan Amirtharaj Mosas, Dr. Ashokraja Chandrasekar, mina abdolmaleki, Nariman Alipanah, Onat Başak, Hossein EBRAHIM HOSSEINI TAZEH KANDI, Ahmed Gamal Abd-Elsatar, prof. Ing. Ján Garaj, DrSc., Marzieh Ghadamyari, Avnee Chauhan, MPH Muhammad Umer Iqbal, MPH, Abel Woldu Ourgessa, Reza Samiee, Ing. Monika Michálková, PhD. Last modification date: 11.09.2023

University: Alexander Dubček University of Trenčín							
Faculty: FunGlass Centre							
Course unit code: CPV/ atAMaTV2d/23	Course unit title: Inorganic technologies and materials II						
Types of education: Recommended dur	ation of education (in hours): or the whole period of study: 120 / 276						
Number of credits: 1	.5						
Recommended seme	ster/trimester of study: 2.						
Degree of study: III.							
Prerequisites: CPV/a	itAMaTV1d/22						
The condition for past - Completion of all m - The conditions for g of credits awarded for relevant modules. The final evaluation of the final evaluation evaluation of individe $W=\#(\sum_{i=1})^n wiX$ Where Xi represents numerical values are 3, FX = 4. The parameter wi is a the relevant module. According to the val whereby the mark A value of W in a close 2.49#, mark D to the	of the subject is calculated as the weighted arithmetic average W of the ual modules, using the following formula:						
o glass production teo o colloid chemistry, o molecular spectroso o advanced methods							

• Understands the structure of non-metallic inorganic materials, especially glass, and knows the basic principles defining the relationships between the chemical composition, structure and properties of these materials.

• Knows the principles of analytical and characterization methods that are related to the topic of the student's dissertation thesis and knows how to use them in selecting a method suitable for its solution.

• For selected methods, can independently prepare samples, perform measurements, obtain accurate and correct results and adequately evaluate and interpret them.

• He knows about the latest trends in research and development of advanced inorganic non-metallic nanomaterials, the method, scope and limits of their use, the latest trends in their development and methods and methods of their characterization, as well as their possible impacts on human health and the environment.

• In the optional modules, they will gain in-depth knowledge of specific aspects of chemical, phase and structural analysis and characterization of non-metallic inorganic materials and nanomaterials, which are related to the topic of the student's dissertation.

Brief course unit content:

Brief course unit content:

Compulsory modules

- History of glass production, properties of glass and glass-forming melts,
- Introduction to analytical methods,
- Fundamentals of mathematical statistics,
- Theoretical principles of molecular spectroscopy.
- Compulsory optional modules
- Glass production technology,
- Sintering,
- Nanomaterials for anti-corrosion coatings,
- Nanomaterials for biomedical applications,
- Nanomaterials for optical applications,
- Sol-gel and surface modification of nanoparticles,
- Methods of chemical analysis: ICP, OES
- Methods of chemical analysis: X-ray fluorescence,
- Electron microscopy,
- X-ray powder diffraction,
- Thermal analysis I,
- Thermal analysis II,
- Thermodynamics of electrochemical systems,
- UV-vis-NIR spectroscopy,
- Photoluminescence spectroscopy,
- Infrared and Raman spectroscopy,
- Solid state NMR spectroscopy,
- XPS-X-ray phosphoelectron spectroscopy,
- Fundamentals of colloidal chemistry,
- Colloidal systems: Characterization and utilization,
- Mathematical statistics: Practical application,
- Mathematical statistics: Case studies,
- Fundametals of computational chemistry,
- Excursion.

Detailed descriptions of the content of individual modules are given in the descriptions of the respective modules.

Recommended Literature:

Language which is necessary for accomplishment of the course unit:

Course evaluati Number of evaluati A 0.0 Teachers: Ing. J Zulema Vargas, o Kaňková, PhD.,	luated studer B 0.0	nts: 0 C	D	Е		
0.0 Teachers: Ing. J Zulema Vargas, o	0.0	_	D	Б		
Teachers: Ing. J Zulema Vargas, o		0.0		E	Fn	Fx
Zulema Vargas, o		0.0	0.0	0.0	0.0	0.0
Ing. Dušan Galu Chromčíková, Pl doc. Ing. Róbert Hruška, PhD., In Eva Vidomanova Amirtharaj Mosa Başak, Hossein I Ján Garaj, DrSc. Abel Woldu Our	usek, DrSc., PhD., RNDr. t Klement, P ng. Milan Pa vá, PhD., Si C sas, Dr. Asho EBRAHIM c., Marzieh G	Ing. Anna Prn Vladimír Mel hD., Dr. Ali N rchovianský, J Chen, doc. Dr. kraja Chandra HOSSEINI TA hadamyari, A	ová, PhD., Ing uš, PhD., MPH ajafzadeh, Ali PhD., Dr. Gern Amirhossein I ssekar, mina ab AZEH KANDI vnee Chauhan,	Beáta Pecušo I, Dr. h. c. prof Talimian, Raje nan Andres Cla Pakseresht, Dr. odolmaleki, Na I, Ahmed Gam MPH Muham	vá, PhD., doc. E Ing. Marek L esh Dagupati, l avijo Mejia, R Kamalan Kiru riman Alipana al Abd-Elsatar mad Umer Iqb	Ing. Mária Liška, DrSc., Ing. Branislav NDr. Jbaharan h, Onat c, prof. Ing. Dal, MPH,
Last modification	ion date: 21	.09.2023				

University: Alexande	r Dubček University of Trenčín
Faculty: FunGlass Ce	entre
Course unit code: CPV/atPČ1d/22	Course unit title: Publishing activity I
Types of education: Recommended dura	ation of education (in hours): whole period of study: 250s
Number of credits: 1	0
Recommended seme	ster/trimester of study: 6.
Degree of study: III.	
Prerequisites: CPV/a	tExP5d/22 and CPV/atAnjd 2/22
- Presentation of the	ccomplishment of the course unit: results of the student's experimental work in the form of a manuscript sent to ional periodical registered in the Scopus or WoS databases.
communication with - The student is able t independently, and pr	ers the basic ethical principles of publishing in scientific periodicals, co-authors and the use of literary and other sources. to summarize the results of his/her experimental work, formulate conclusions rocess them in the form of a manuscript suitable for sending to a professional in the Scopus or WoS databases.
 study of professional own choice, processing of resultary sending the manuscription 	results in the professional press, al literature according to the trainer's recommendation and according to one's s and preparation of the manuscript,
-	ature: iterature related to the topic of the dissertation according to student's own to the supervisor's recommendation.
Language which is n Slovak, English	ecessary for accomplishment of the course unit:
-	are sent, the number of credits will be multiplied. Sending the manuscript re participation in the international conference.

Course evalu Number of ev	ation passed/ valuated studer						
A B C D E Fn Fx							
20.0	0.0	0.0	0.0	0.0	0.0	80.0	
Teachers: prof. Ing. Dušan Galusek, DrSc., doc. Ing. Róbert Klement, PhD., Dr. h. c. prof. Ing. Marek Liška, DrSc., Ing. Milan Parchovianský, PhD., Ing. Anna Prnová, PhD., Ing. Dagmar Galusková, PhD., doc. Ing. Mária Chromčíková, PhD., Ing. Jozef Kraxner, PhD., Ing. Martin Michálek, PhD., doc. Dr. Amirhossein Pakseresht, doc. José Joaguín Velázquez García, Akansha Akansha, Rajesh Dagupati, Arish Dasan, Ing. Branislav Hruška, PhD., Si Chen, Ing. Hana Kaňková, PhD., Dr. Zuzana Neščáková, Surjyakanta Rana, Omid Sharifahmadian, Ali Talimian, Zulema Vargas, Mgr. Michal Žitňan, PhD., Ing. Monika Michálková, PhD.							
Last modific:	ation date: 11	.09.2023					
Approved by	Approved by: prof. Ing. Dušan Galusek, DrSc.						

University: A	lexander D	ubček University	of Trenčín			
Faculty: Fun	Glass Centre	2				
Course unit c CPV/atPČ2d/2		urse unit title: F	Publishing activ	vity II		
Types of edu Recommend	ication: Pra led duratio For the who	n of education (le period of stu	in hours):			
Number of cr	edits: 8					
Recommende	d semester	/trimester of stu	1dy: 8.			
Degree of stu	dy: III.					
Prerequisites	: CPV/atPČ	1d/22 and CPV/	atExP7d/22			
- Presentation	of the result	nplishment of the student's professional per	s experimental	work in the for		
conclusions in in a profession - The student	t is able to ndependent nal periodic knows, wit	summarize the y, and to process al registered in t h the help of the he manuscript in	them in the for he Scopus or V supervisor, to	rm of a manuse VoS databases. respond to the	cript suitable f	or publication
one's own cho - processing o - sending the	ofessional li bice, of results an manuscript	terature accordir d preparation of	the manuscript		nendation and	l according to
	gazine litera	re: nture related to th g to the supervis	-		esis according	to student's
Language wh Slovak, Engli		ssary for accom	plishment of t	he course uni	t:	
	-	eceived / publish thin the subject F			-	d.
Course evaluation Number of evaluation	-					
А	В	C	D	Е	Fn	Fx
40.0	20.0	0.0	0.0	0.0	0.0	40.0

Teachers: prof. Ing. Dušan Galusek, DrSc., doc. Ing. Róbert Klement, PhD., Dr. h. c. prof. Ing. Marek Liška, DrSc., Ing. Milan Parchovianský, PhD., Ing. Anna Prnová, PhD., Ing. Dagmar Galusková, PhD., doc. Ing. Mária Chromčíková, PhD., Ing. Jozef Kraxner, PhD., Ing. Martin Michálek, PhD., doc. Dr. Amirhossein Pakseresht, doc. José Joaguín Velázquez García, Akansha Akansha, Rajesh Dagupati, Arish Dasan, Ing. Branislav Hruška, PhD., Si Chen, Ing. Hana Kaňková, PhD., Dr. Zuzana Neščáková, Surjyakanta Rana, Omid Sharifahmadian, Ali Talimian, Zulema Vargas, Mgr. Michal Žitňan, PhD., Ing. Monika Michálková, PhD.

Last modification date: 11.09.2023