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107. Typographical systems	

University: P.	J. Šafárik	University in Košice
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Faculty: Faculty of Arts

Course ID: ÚINF/	Course name: Advanced programming in Python
PPPy/18	

Course type, scope and the method: Course type: Practice

Recommended course-load (hours):

Per week: 2 Per study period: 28

Course method: present

Number of ECTS credits: 2

Recommended semester/trimester of the course: 6.

Course level: I., N

Prerequisities: ÚINF/PAZ1a/15

Conditions for course completion:

At least 50 % of the marks in the continuous assessment

A minimum of 50 % marks in the mid-term and end-of-semester practical tests

or

The final project - 100%

Learning outcomes:

Implement solutions to selected problems in Python using available modules. Use and implement non-trivial algorithms to solve selected problems. Use an object-oriented approach to problem solving. Program in Python in an object-oriented manner using Python specifics. Test programs. Implement parallel computing.

Brief outline of the course:

1. Introduction to the environment, basic features of Python, simple and structured data types.

2. Input, output, function definition, lambda function, generator notation, function as parameter, string formatting.

3. Control structures, iterating over data structures, context manager.

4. Exception handling and exception raising. Philosophy of exceptions in Python.

5. Working with files. Serialization and deserialization of data - json and pickle protocol. Text and binary files. Manipulation with files. Open data.

6. Object-oriented programming 1. Design of custom classes, special methods, properties, philosophy of accessing methods and attributes.

- 7. Object-oriented programming 2. Comparison and differences with Java. Multiple inheritance.
- 8. Method overloading. Static methods, abstract classes, data class.
- 9. Decorators, memoization, modules, packages.

10. Code validation (debugging), testing (doctest, unittest), test-driven development.

11. Parallel computing, processes, process triggering and inter-process communication (shared variable, pipe, queue).

12. Graphical program design and implementation.

Recommended literature:

PILGRIM, Mark. Dive into Python 3. 2. United States of America: Apress, 2004. ISBN 978-1430224150. Dostupné také z: https://diveintopython3.net/

SHIPMAN, John W. Tkinter 8.5 reference: a GUI for Python. Socorro, NM 87801: New Mexico Tech Computer Center, 2013. Dostupné také z: https://anzeljg.github.io/rin2/book2/2405/docs/tkinter/tkinter.pdf

LOTT, Steven F. Mastering Object-oriented Python. Birmingham B3 2PB, UK: Packt Publishing, 2014. ISBN 978-1-78328-097-1.

Course language:

Slovak language, knowledge of English language is only required to read documentation of Python.

Notes:

Course assessment

Total number of assessed students: 85

А	В	С	D	Е	FX
7.06	14.12	27.06	17.65	20.0	14.12

Provides: PaedDr. Ján Guniš, PhD., univerzitný docent, doc. RNDr. Ľubomír Šnajder, PhD.

Date of last modification: 10.02.2022

University: P. J. Šafá	rik University in Košice
Faculty: Faculty of A	Arts
Course ID: ÚINF/ ASU1/15	Course name: Algorithms and data structures
Course type, scope a Course type: Lectur Recommended cou Per week: 2 / 1 Per Course method: pro	and the method: re / Practice rse-load (hours): study period: 28 / 14 esent
Number of ECTS cr	redits: 4
Recommended seme	ester/trimester of the course: 4.
Course level: I., N	
Prerequisities: ÚINF	F/PAZ1a/15 and ÚINF/PAZ1b/15
Conditions for cours Practice activities, he Final examination co	se completion: omeworks and midterm exam. onsisting of practice and theoretical test.
Learning outcomes: Understand and learn algorithms.	algorithmic paradigms and data structures. Analyse time complexity of these
Brief outline of the of Algorithms' time and Brute Force. Backtr comparison sort algo Data structures – que union & find, trie.	course: d space asymptotic complexity. Main Theorem. Amortized complexity. rack. Divide and Conquer. Dynamic programming. Comparison and non- rithms. Sweep line algorithms. Graph Theory Algorithms. rue, stack, priority queue, heap, prefix sum, binary search trees, interval trees,
Recommended litera 1, Laaksonen A.: Gu Through Contests (U 978-3319725468 2, Forišek M., Steino Computer Science, S 3, R. Sedgewick, K. 978-0321573513, htt 4, Open Data Structu	ature: ide to Competitive Programming: Learning and Improving Algorithms Indergraduate Topics in Computer Science), Springer, 2017, ISBN ová M.: Explaining Algorithms Using Metaphors. Springer Briefs in Springer (2013), ISBN 978-1-4471-5018-3 Wayne: Algorithms (4th Edition), Addison-Wesley Professional, 2011, ISBN rp://algs4.cs.princeton.edu/home/ ures: http://opendatastructures.org/
Course language: Slovak or english	
Notes: Content prerequisitie - programming skills - mathematics: computing with po computing limits o	es: in some programming language (Python/Java/C++/) olynomials, logarithmic and exponential functions of sequences, L'Hospital rule

Course assessment								
Total number o	f assessed studen	ts: 209						
A B C D E FX								
12.44	5.74	18.18	26.32	34.45	2.87			
Provides: RNDr. Rastislav Krivoš-Belluš, PhD.								
Date of last modification: 08.01.2022								
Approved: doc. PaedDr. Ingrid Puchalová, PhD., prof. RNDr. Stanislav Krajči, PhD.								

University: P. J	. Šafárik Univers	ity in Košice					
Faculty: Facult	y of Arts						
Course ID: KP ALP/06	Course ID: KPE/ Course name: Alternative Education ALP/06 Course name: Alternative Education						
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present							
Number of EC	FS credits: 2						
Recommended	semester/trimes	ster of the cours	e: 4.				
Course level: I.							
Prerequisities:							
Conditions for	Conditions for course completion:						
Learning outcomes:							
Brief outline of the course:							
Recommended literature:							
Course languag	ge:						
Notes:							
Course assessment Total number of assessed students: 356							
A B C D E FX							
67.42 25.28 4.21 0.56 0.28 2.25							
Provides: Mgr. Katarína Petríková, PhD., Mgr. Zuzana Vagaská, PhD.							
Date of last modification: 12.03.2024							
Approved: doc. PaedDr. Ingrid Puchalová, PhD., prof. RNDr. Stanislav Krajči, PhD.							

Faculty: Faculty of Arts

Course ID: ÚINF/	Course name: Automata and formal languages
AFJ1a/15	

Course type, scope and the method: Course type: Lecture / Practice

Recommended course-load (hours):

Per week: 2 / 1 Per study period: 28 / 14

Course method: present

Number of ECTS credits: 4

Recommended semester/trimester of the course: 4.

Course level: I., N

Prerequisities:

Conditions for course completion:

Oral examination.

Learning outcomes:

To provide theoretical background for studying computer science in general, by giving the necessary knowledge in theory of automata.

Brief outline of the course:

1: Chomsky hierarchy of grammars: alphabet, symbol (letter, character), transitive closure, word (string), empty word (empty string), length of a string, concatenation, language, grammar, nonterminal symbol, terminal symbol, initial nonterminal (initial symbol), grammar rule, derivation step, language generated by a grammar, Chomsky hierarchy of grammars - phrase-structure, context sensitive, context free, regular

2: Deterministic finite state automata: finite state automaton, state, input symbol, output symbol, initial state, transition function, output function, examples of automata and their graphic representation, generalized transition and output functions and their basic properties

3: Reduction of automata I: equivalent automata, minimal (optimal) automaton, reachable state, properties of reachable states, elimination of unreachable states

4: Reduction of automata II: equivalent states, k-equivalent states, properties of equivalence and kequivalence, relation between k-equivalence and (k+1)-equivalence, partitioning the state set into equivalence classes, elimination of equivalent states

5: Reduction of automata III: proof of correctness, unambiguity, and optimality of reduced automaton, testing equivalence of two automata

6: Deterministic finite state acceptors: basic definitions, language recognized by a finite state acceptor, common properties of acceptors and automata with an output, minimizing a finite state acceptor

7: Operations with regular languages: complement, intersection, union, difference, symmetric difference, testing of emptiness, inclusion, equality, and disjointness for regular languages

8: Nondeterministic finite state acceptors: definition, transition function, language recognized by a nondeterministic acceptor, elimination of nondeterminism

9: epsilon-acceptors: definition, properties, elimination of epsilon-transitions

10: Regular grammars: regular grammar, extended regular grammar, transformation of acceptor to a regular grammar, transformation of extended regular grammar to an epsilon-acceptor

11: Regular expressions I: basic properties, transformation of regular expression to an epsilonacceptor

12: Regular expressions II: regular equations, valid algebraic manipulations with regular expressions, solving an equation with a single unknown variable, solving a system of regular equations, transformation of acceptor to a regular expression

13: Another constructions: review of transformations among various representations, an example of a direct transformation of a grammar to a regular expression, closure of the class of regular languages under another language operations – concatenation and Kleene star, mirror image

14: Another operations: homomorphism and inverse homomorphism, a context-free language that is not regular

Recommended literature:

J.E. Hopcroft, R.Motwani, J.D. Ullman: Introduction to automata theory, languages, and computation, Addison-Wesley, 2001.

J. Shallit: A second course in formal languages and automata theory, Cambridge University press, 2009.

M. Sipser: Introduction to the theory of computation, Thomson Course Technology, 2006.

Course language:

Slovak or English

Notes:

Course assessment

Total number of assessed students: 928

А	В	С	D	Е	FX
27.16	18.32	23.6	16.49	9.7	4.74

Provides: prof. RNDr. Viliam Geffert, DrSc., RNDr. Juraj Šebej, PhD.

Date of last modification: 23.11.2021

University: P. J. Šafán	rik University in Košice							
Faculty: Faculty of Arts								
Course ID: ÚINF/ AFJ1b/15	Course name: Automata and formal languages							
Course type, scope at Course type: Lectur Recommended cour Per week: 2 / 1 Per Course method: pre	nd the method: e / Practice rse-load (hours): study period: 28 / 14 sent							
Number of ECTS cro	edits: 5							
Recommended semes	ster/trimester of the course: 5.							
Course level: I.								
Prerequisities: ÚINF	/AFJ1a/15							
Conditions for cours Test and oral examina	e completion: ation.							
Learning outcomes: To provide theoretical knowledge in theory of	background for studying computer science in general, by giving the necessary of automata.							
Brief outline of the constraints of the constraint	burse: ta: definition of a pushdown automaton, accepting by final states, accepting down automata: examples of application in practice nars: basic definition, leftmost derivation, derivation tree, elimination of rules and $A \rightarrow B$, Chomsky normal form context-free grammars and pushdown automata: transforming context-free wn automaton, transforming pushdown automaton to a context-free grammar Statement of the lemma and its proof : applications of the lemma of context-free languages of deterministic context-free languages ata producing an output: basic definitions and properties, applications in e languages: context-sensitive grammar, nondeterministic linear-bounded A), transforming context-sensitive grammar to an LBA, transforming LBA to ammar s of context-sensitive languages umerable languages: phrase-structure grammar, nondeterministic and nachine, transforming nondeterministic Turing machine to a phrase-structure ng phrase-structure grammar to a deterministic Turing machine, closure machine ndecidable problems of the formal language theory ture:							

1. J.E. Hopcroft, R.Motwani, J.D. Ullman: Introduction to automata theory, languages, and computation, Addison-Wesley, 2001.

2. J. Shallit: A second course in formal languages and automata theory, Cambridge University press, 2009.

3. M. Sipser: Introduction to the theory of computation, Thomson Course Technology, 2006.

Course language:

Slovak or English

Notes:

Content prerequisities:

 Basic mathematical background (proof by contradicion and by mathematical induction), basic notions from the set theory (union, intersection, complement, cartesian product).
 Basic knowledge about finite state automata and regular languages.

Course assessment

Total number of assessed students: 600

А	В	С	D	Е	FX
38.33	16.83	19.17	17.0	6.17	2.5

Provides: prof. RNDr. Viliam Geffert, DrSc., RNDr. Juraj Šebej, PhD.

Date of last modification: 23.11.2021

University: P. J. Šafá	University: P. J. Šafárik University in Košice					
Faculty: Faculty of Arts						
Course ID: ÚINF/ Course name: Bachelor Project 3KP/14						
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present						
Number of ECTS cr	edits: 2					
Recommended seme	ster/trimester of the cours	e: 5.				
Course level: I.						
Prerequisities:						
Conditions for cours	e completion:					
Learning outcomes:						
Brief outline of the c	ourse:					
Recommended litera	iture:					
Course language:						
Notes:						
Course assessment Total number of assessed students: 7						
abs n						
100.0 0.0						
Provides:						
Date of last modification:						
Approved: doc. PaedDr. Ingrid Puchalová, PhD., prof. RNDr. Stanislav Krajči, PhD.						

University: P. J. Šafá	rik University in Košice							
Faculty: Faculty of A	Faculty: Faculty of Arts							
Course ID: ÚINF/ BPO/14	Course name: Bachelor Thesis and its Defence							
Course type, scope a Course type: Recommended cour Per week: Per stud Course method: pre	nd the method: rse-load (hours): y period: esent							
Number of ECTS cr	edits: 4							
Recommended seme	ster/trimester of the course:							
Course level: I.								
Prerequisities:								
Conditions for cours The bachelor thesis is fraud and must meet 21/2021, which lays Košice and its compo and in the process of	e completion: s the result of the student's own work. It must not show elements of academic the criteria of good research practice defined in the Rector's Decision no. down the rules for assessing plagiarism at Pavol Jozef Šafárik University in onents. Fulfillment of the criteria is verified mainly in the supervision process thesis defense. Failure to do so is reason for disciplinary action.							
Learning outcomes: The bachelor's thesis of the field of study, declared profile of the in solving selected fi student demonstrates ethical. Further detail requirements of final combined 1st and 2nd	demonstrates mastery of the basics of theory and professional terminology acquisition of knowledge, skills and competencies in accordance with the e graduate of the study program, as well as the ability to apply them creatively field problems. The bachelor thesis may have elements of compilation. The the ability of independent professional work in terms of content, formal and is on the bachelor thesis are determined by Directive no. 1/2011 on the basic theses and the Study Regulations of UPJŠ in Košice for the 1st, 2nd and d degree.							
Brief outline of the c 1. Elaboration of the 2, Presentation of the 3. Answering question	ourse: bachelor thesis in accordance with the instructions of the supervisor. results of the bachelor's thesis before the examination commission. ns related to the topic of the bachelor thesis within the discussion.							
Recommended litera The recommended literation bachelor's thesis.	ture: erature is determined individually in accordance with the topic of the							
Course language: Slovak and optionally	y English.							
Notes:								

Course assessment									
Total number o	Total number of assessed students: 153								
A B C D E FX									
44.44	26.8	14.38	7.84	6.54	0.0				
Provides:									
Date of last mo	Date of last modification: 28.11.2021								
Approved: doc	. PaedDr. Ingrid I	Puchalová, PhD.	, prof. RNDr. Sta	nislav Krajči, Ph	D.				

University: P. J.	. Šafárik Univers	ity in Košice						
Faculty: Faculty	y of Arts	<u> </u>						
Course ID: KG BPO/22	Course ID: KGER/ Course name: Bachelor's Thesis Defense BPO/22							
Course type, sc Course type: Recommended Per week: Per Course metho	ope and the met d course-load (h r study period: d: present	thod: ours):						
Number of EC	I'S credits: 4							
Recommended	semester/trimes	ster of the cours	e:					
Course level: I.								
Prerequisities:								
Conditions for	course completi	on:						
Learning outco	omes:							
Brief outline of	the course:							
Recommended	literature:							
Course languag	ge:							
Notes:								
Course assessm Total number of	Course assessment Total number of assessed students: 6							
Α	В	С	D	Е	FX			
50.0	50.0 16.67 33.33 0.0 0.0 0.0							
Provides:								
Date of last mo	dification: 19.09	9.2022						
Approved: doc.	PaedDr. Ingrid	Puchalová, PhD.,	prof. RNDr. Star	nislav Krajči, Ph	D.			

University: P. J.	Šafárik Univers	ity in Košice						
Faculty: Faculty	Faculty: Faculty of Arts							
Course ID: KGI ZHN/22	Course ID: KGER/ Course name: Basics of Business German ZHN/22							
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present								
Number of ECI	S credits: 2							
Recommended	semester/trimes	ster of the cours	e: 2.					
Course level: I.								
Prerequisities:								
Conditions for o	course completi	on:						
Learning outco	mes:							
Brief outline of	the course:							
Recommended	literature:							
Course languag	e:							
Notes:	,							
Course assessment Total number of assessed students: 6								
A	В	С	D	Е	FX			
33.33	33.33 33.33 0.0 0.0 0.0							
Provides: Mgr. Alexandra Popovičová, PhD.								
Date of last mod	lification: 18.09	9.2024						
Approved: doc.	PaedDr. Ingrid I	Puchalová, PhD.,	prof. RNDr. Star	nislav Krajči, Ph	D.			

University P I	Šafár	ik Univers	ity in Košica					
E autru E autru	. Salal							
Faculty: Faculty		rts	D : 1	<u></u>				
Course ID: UB BDD/05	3EV/ Course name: Biology of Children and Adolescents							
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 0 Per study period: 28 / 0 Course method: present								
Number of EC	ГS cre	dits: 2						
Recommended	semes	ter/trimes	ster of the cours	se: 4., 6.				
Course level: I.								
Prerequisities:								
Conditions for Written test	course	e completi	on:					
Acquisition of systems of the h with developme of ontogenesis.	Learning outcomes: Acquisition of basic morphological and physiological knowledge about individual organs and systems of the human body with a focus on the specifics of childhood and adolescence. Familiarity with developmental and growth characteristics and with the most common diseases in these stages of ontogenesis.							
Brief outline of Human ontoge circulatory, res system. Nervou population and	the connesis. pirator s systemenviro	Postnatal y, gastroin em. Age s nment.	development. Antestinal and unpecifics of select	Age specific fea inary systems. eted diseases an	atures of skeletal Reproductive sys d drug dependenc	l and muscalar, stem. Endocrine ce arise. Human		
Recommended literature: Drobný I., Drobná M.: Biológia dieťaťa pre špeciálnych pedagógov I. a II. Bratislava, PdF UK, 2000 Lipková V.: Somatický a fyziologický vývoj dieťaťa. Osveta Bratislava, 1980 Malá H. Klementa I.: Biológia detí a dorastu Bratislava, SPN, 1989								
Course languag	ge:							
Notes:								
Course assessm Total number of	Course assessment Total number of assessed students: 1789							
Α		В	С	D	Е	FX		
31.25	2	24.04	18.28	16.71	9.11	0.61		
Provides: doc. 1	RNDr.	Monika K	assayová, CSc.	1	<u> </u>	<u>.</u>		
Date of last mo	dificat	tion: 20.04	.2022					
Approved: doc.	PaedI	Dr. Ingrid I	Puchalová, PhD.	, prof. RNDr. St	anislav Krajči, Ph	ıD.		

University: P. J. Šafárik University in Košice								
Faculty: Faculty of Ar	Faculty: Faculty of Arts							
Course ID: KPPaPZ/ECo-C4/14	Course name: Communication ECo-C4							
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present								
Number of ECTS cree	dits: 4							
Recommended semest	ter/trimester of the course: 3., 5.							
Course level: I.								
Prerequisities:								
Conditions for course 1. Active participation according to the teacher Detailed information in be realized by a combi	completion: in lessons (absence is allowed max. 90 min.), 2. Realization of assignments er's instructions. In the electronic board of the course in AIS2. The teaching of the subject will ned method.							
Learning outcomes: The student understate communication, rhetoris able to use the acq communication with of which will contribute to	nds theoretical information about the basics of verbal and nonverbal ric and methods of visualization and interprets them adequately. Student juired communication skills in practice, can apply effective principles of others, is able to anticipate and thus prevent possible misunderstandings, to the development of his social and professional skills.							
Brief outline of the co Basics of communicat heard", "Internal dialog Active listening (The r Misunderstandings (Ho Body language (What Signs of Physical Exp Active and Passive Bo Personality developme Rhetoric (History of rh reactions) Visualization - optical flipchart, Based on cor	urse: tion (Transmitter-receiver principle, "What is said is not equal to what is gue", The concept of communication) nost important criteria for active listening) ow Misunderstandings Arise, How to Avoid Misunderstandings) is body language, Active / passive body language, Dress psychology) oression, Disadvantages of Fake Physical Expression, Difference Between dy Expression ent (Voices in us, "child in me" - identification of one's own personality) netoric, What is rhetoric, Vigor, alertness - assumptions, techniques, prompt display (Classic media - whiteboard, magnetic whiteboard, bulletin board, mputer technology - PC + Beamer)							
Recommended literat ROSENBERG, M. B. VÝROST, Jozef - SLA GRADA, 2008. 408 s. VÝROST, Jozef - SLA instituce. 1. vyd. Praha	ure: 2023. Nenásilná komunikácia. Aktuell. 234 s. MĚNÍK, Ivan. Sociální psychologie. 2., přepr. a rozš. vyd. Praha : MĚNÍK, Ivan. Aplikovaná sociální psychologie I : Člověk a sociální a : Portál, 1998. 384 s. ISBN 80-7178-269-6.							
	Degree 10							

KOMÁRKOVÁ, Růžena - SLAMĚNÍK, Ivan - VÝROST, Jozef. Aplikovaná sociální psychologie III : Sociálněpsychologický výcvik. 1. vyd. Praha : Grada Publishing, 2001. 224 s. VÝROST, Jozef - SLAMĚNÍK, Ivan. Aplikovaná sociální psychologie II. 1. vyd. Praha : Grada Publishing, 2001. 260 s.

Course language:

slovak

Notes:

After passing the certification exams from all 4 modules (Teamwork, Selfmarketing, Conflict Management, Communication) the student will receive an ECo-C card and an ECo-C certificate.

Course assessment

Total number of assessed students: 169

abs	n
88.76	11.24

Provides: PhDr. Anna Janovská, PhD.

Date of last modification: 14.09.2024

University: P. J. Šafá	rik University in Košice							
Faculty: Faculty of A	Faculty: Faculty of Arts							
Course ID: ÚINF/ TVY/15	Course name: Computability theory							
Course type, scope a Course type: Lectur Recommended cour Per week: 2 / 1 Per Course method: pre	nd the method: re / Practice rse-load (hours): study period: 28 / 14 esent							
Number of ECTS cr	edits: 4							
Recommended seme	ster/trimester of the course: 5.							
Course level: I., II.								
Prerequisities:								
Conditions for cours Two written examina (primitive) recursive classes of recursive a	e completion: tions focused on the construction of Turing machines, creating sequences of functions, solving examples. Oral exam focused on the relationship between nd computable functions, the problem of stopping a Turing machine.							
Learning outcomes: Knowledge of compu- between Turing comp	tational model of Turing machine, Goedelian arithmetization, and relationship butability and recursivity of functions.							
Brief outline of the c 1. Turing machine, b 2. Shifting of states, c 3. Modifications of c 4. Elementary Turing 5. Compositions of e 6. Primitively recursi	ourse: asic principles of work of Turing machine, formalization of basic notions compositions of machines, computations on composed machines onfiguration machines lementary Turing machines							
 Primitively recursi Primitively recursi Functions and prec Goedelian arithme Recursive function Relationship of recursion Halting problem 	ve predicates licates from number theory tizationa of Turing computability ons ecursivity and Turing computability							
Recommended litera 1. BRIDGES, Dougla ISBN:: 978-0387941 2. BUKOVSKÝ, Lev 3. MACHTEY, Mich NorthHolland, Ams 4. KRAJČI, Stanislav ucebneTexty/vypocit	ture: as. Computability, A Mathematical Sketch book. SpringerVerlag, 1994. 745 7. Teória algoritmov, ES UPJŠ, Košice, 1999. ISBN 8070973730 ael a Paul YOUNG. An Introduction to the General Theory of Algorithms, sterdam 1978. 7. Teória vypočítateľnosti. http://ics.upjs.sk/~krajci/skola/vyucba/ atelnost.pdf							
Course language:								

Slovak							
Notes:							
Course assessn Total number o	nent f assessed studen	ts: 315					
А	В	С	D	Е	FX		
51.75	11.11	11.43	5.08	5.4	15.24		
Provides: doc. RNDr. Ľubomír Antoni, PhD.							
Date of last modification: 04.01.2022							
Approved: doc	. PaedDr. Ingrid I	Puchalová, PhD.,	prof. RNDr. Sta	nislav Krajči, Ph	nD.		

University: P. J. Šafá	rik University in Košice
Faculty: Faculty of A	rts
Course ID: ÚINF/ VKN1/22	Course name: Computational and cognitive neuroscience I
Course type, scope a Course type: Lectur Recommended cour Per week: 2 / 2 Per Course method: pre	nd the method: re / Practice rse-load (hours): study period: 28 / 28 esent
Number of ECTS cr	edits: 5
Recommended seme	ster/trimester of the course: 3.
Course level: I., N	
Prerequisities:	
Conditions for cours Midterm exam Final exam consisting	e completion: g of written and/or oral part
Learning outcomes: Overview anatomy, computational aspect	physiology, and cognitive processes in the human brain with focus on s of cognition and computational tools used in neuroscience.
 Brief outline of the c 1. Intro to neural and 2. Overview of anato 3. Methods of study ii 4. Neuron: anatomy, 5. Propagation of sign 6. Synaptic transmiss 7. Psychology of mer 8. Vision: Intro. Percesitance. 9. Hearing and audito 10. Language, psychol 11. Attention. 12. Crossmodal intera 13. Reasoning and de 	ourse: cognitive science my and physiology of the central nervous system (CNS) n neuroscience. Sensory, motor and associative brain areas. types, action potential nals in the neuron, neural coding. ion and plasticity - neural basis of learning and memory. nory and learning. reption of brightness, edges, color. Model BCS/FCS. Perception of size and ory cognition. blinguistics, speech perception and production. action (vision, hearing, touch). ecision making.
Recommended litera 1. Poeppel D., Mangu 2020. ISBN-13: 978- 2. Dayan P and LF A Modeling of Neural S 3. Thagard P: Mind: 1 [†] 978-0262701099	ture: In G., Gazzaniga M. (ed.): The Cognitive Neurosciences. 6th ed. MIT Press. 0262043250 bbott: Theoretical Neuroscience - Computational and Mathematical Systems. MIT Press, 2005 ISBN-13: 978-0262541855 Introduction to Cognitive Science, 2nd Edition. Bradford Books. ISBN-13']:

Course language:

Slovak or Engli	ish					
Notes: Content prerequ Algebra, progra	uisites: amming (Matlab)					
Course assessm Total number o	nent f assessed studen	ts: 31				
А	В	B C D E FX				
25.81	25.81 19.35 25.81 22.58 3.23 3.23					
Provides: doc. Doreswamy, Ing	Ing. Norbert Kop g. Udbhav Singha	čo, PhD., Ing. Pe 1, Myroslav Fedo	eter Lokša, PhD., prenko	RNDr. Keerthi F	Kumar	
Date of last mo	dification: 14.02	.2022				
Approved: doc	. PaedDr. Ingrid I	Puchalová, PhD.,	prof. RNDr. Sta	nislav Krajči, Ph	D.	

	COURSE INFORMATION LETTER
University: P. J. Šafán	rik University in Košice
Faculty: Faculty of A	
Course ID: ÚINF/ PSIN/15	Course name: Computer network Internet
Course type, scope a Course type: Lectur Recommended cour Per week: 3 / 1 Per Course method: pre	nd the method: ·e / Practice rse-load (hours): study period: 42 / 14 esent
Number of ECTS cro	edits: 5
Recommended seme	ester/trimester of the course: 4.
Course level: I., N	
Prerequisities: ÚINF	/PAZ1a/15 or ÚINF/PRG1/15
Activity at excercises Verbal exam (min 25)	s (max 18 points), home work (max 18 points), test (max 30 points). points, max 50 points). Required minimum for passing the course is 55 points.
the principles of ISO/ the meaning and usag communication chann They will understand principle of routing pr acknowledged TCP tr interface of UDP and protocols of the Inter	OSI layers reference model for network communication. They will understand ge of terms protocol, service, interface. They will analyze the parameters of nels, understand the function of interconnection devices (hub, switch, router). I the structure of IP packets, addressing and how packets are transmitted, the rotocols and the creation of routing tables. They will understand the priciples of ransport transmission and its implementation. They will know how to use the . TCP protocols in a program code. They will understand the basic application net.
 Brief outline of the c 1. Introduction to connetworks, ISO OSI re 2. Application layer: 3. Application layer: networks. 4. Transport layer: set 5. Transport layer: set 5. Transport layer: co 6. Network Layer: fragmentation, routinnet 7. Network Layer: net 8. Network Layer: root 9. Link layer: error 	ourse: nputer networks, internet connection types, delay and loss in packet-switched eference model and TCP/IP protocols family. Web and HTTP, protocol FTP ,e-mail and protocols SMTP, POP3, IMAP, domain names and DNS, Peer-to-peer applications. Security in computer rvices, multiplexing and demultiplexing, protocol UDP, reliable data transfer onnection oriented transport protocol TCP, flow and congestion control. Internet protocol IPv4, virtual circuit and datagram networks, packet of table, application protocol DHCP etwork address translation NAT, ICMP protocol, internet protocol IPv6 uting algorithms and protocols.

Recommended literature:

- 1. J. F. Kurose, Keith W. Ross: Computer Networking: A Top-Down Approach, 7. edition, 2016
- 2. A. S. Tanenbaum: Computer Networks, 5. edition, Pearson, 2010
- 3. W. Stallings: Local and Metropolitan Area Networks, Prentice Hall, 2000
- 4. E. Comer, R.E. Droms: Computer Networks and Internets, Prentice Hall, 2003
- 5. W. R. Stevens: TCP/IP Illustrated, Vol.1: The Protocols, Addison-Wesley, 1994

Course language:

Slovak or English

Notes:

Content prerequisities: basic programming skills in Java

Course assessment

Total number of assessed students: 315

А	В	С	D	Е	FX
10.79	8.25	19.68	20.0	30.16	11.11

Provides: RNDr. Peter Gurský, PhD., doc. RNDr. JUDr. Pavol Sokol, PhD. et PhD., RNDr. Richard Staňa

Date of last modification: 04.01.2022

University: P. J. Šafári	k University in Košice
Faculty: Faculty of Ar	ts
Course ID: KPPaPZ/ECo-C3/14	Course name: Conflict Management ECo-C3
Course type, scope an Course type: Practice Recommended course Per week: 2 Per stud Course method: pres	d the method: e-load (hours): y period: 28 ent
Number of ECTS cree	dits: 4
Recommended semest	ter/trimester of the course: 3., 5.
Course level: I.	
Prerequisities:	
Conditions for course 2. Submission of the r My strengths and wea students will describe the form of deconstruc Attendance at seminar The evaluation of the c set requirements, whic ensure an objective an moral standards. Ther process or in the asses	completion: reflection on the selected topic within the specified time. Reflection topic: knesses in conflict management. In a short presentation of their reflection, their strengths and weaknesses in the management of conflict situations in tion. s is mandatory - the student may have two absences during the semester. ourse and its subsequent completion will be based on clearly and objectively h will be set in advance and will not change. The aim of the assessment is to d fair mapping of the student's knowledge while adhering to all ethical and e is no tolerance for students' fraudulent behavior, whether in the teaching sment process.
Learning outcomes: Successful mastery and of basic rules. The method of teachin students' needs, expect respect and feedback of The content of the curr topicality of the topics the connection of the c in lectures and semina The student is able to a situations. The studen competencies as well a The student is able to a situations.	I demonstration of knowledge in the field of conflict management and control ag the subject will be oriented to the student. Lecturers will be interested in ations and opinions so as to encourage them to think critically by expressing on their opinions and needs. iculum will be based on primary and high-quality sources that will reflect the so as to ensure the connection of the curriculum with other subjects and also urriculum with practice. Students will be expected to take an active approach rs with an emphasis on their independence and responsibility. demonstrate an understanding of an individual's behavior in various conflict at is able to describe, explain and evaluate their own internal resources, s limitations and weaknesses that are directly related to conflict management. apply theoretical knowledge and principles of conflict resolution to everyday
Brief outline of the co Disputes and their cau of disputes), Dispute of strategies, Know how	urse: uses (Types of disputes, External influences, Be able to reveal the causes origin (Levels of disputes, Escalation warning signals, Escalation removal to explain escalation stages; How do I approach a dispute?) Dispute

Resolution, Dispute Resolution Strategies, Dispute Discussion, Dispute Settlement Initiatives, Knowing how to handle a dispute and how to effectively resolve it), Dispute Resolution (Options, Public Struggle, Covert Struggle, Indefinite Postponement, Agreement, "Fair play", compromise, cooperation, capitulation, escape or separation), Prevention (Structures that produce disputes, The meaning and purpose of disputes, Stages and steps of dispute resolution, What does a positive corporate culture mean? Dispute is an incentive for change)

n

5.44

Recommended literature:

Course language:

Notes:

Course assessment

Total number of assessed students: 147

abs 94.56

Provides: Mgr. Ondrej Kalina, PhD.

Date of last modification: 12.09.2024

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University: P. J. Šafá	rik University in Košice				
Faculty: Faculty of A	Faculty: Faculty of Arts				
Course ID: ÚINF/ KRS/15	Course ID: ÚINF/Course name: Cryptographic systems and their applicationsKRS/15KRS/15				
Course type, scope a Course type: Lectur Recommended cour Per week: 3 / 2 Per Course method: pre	nd the method: re / Practice rse-load (hours): study period: 42 / 28 esent				
Number of ECTS cr	edits: 6				
Recommended seme	ster/trimester of the course: 3.				
Course level: I., N					
Prerequisities:					
Conditions for cours Homeworks, midtern Final written exam, p	e completion: n written exam, active participation in laboratory exercises. cossibly oral exam.				
This course covers the is on definitions, theo practice. Topics inclu- block cipher design a an introduction to cry and certificates.	e basic knowledge in understanding and using cryptography. The main focus pretical foundations, and rigorous proofs of security, with some programming ide symmetric and public key encryption, message integrity, hash functions, and analysis, number theory, and digital signatures. The course also provides appropriate protocols for authentication and key management, including PKI				
Brief outline of the c Classical cryptograp Symmetric ciphers - ciphers - RSA, Elga codes, digital signatu	ourse: hy, basic information theory, cryptoanalysis, security of classical ciphers. stream ciphers, block ciphers (DES, AES), modes of operation. Asymmetric mal, elliptic curve cryptosystems. Hash functions, message authentication res. Authentication, key establishment and distribution, certificates.				
Recommended litera 1. PAAR, Ch., PELZ 2. STINSON, D. R 3. MAO, W. Modern 4. MENEZES, A., O CRC Press, 1996. 5. SCHNEIER, B.: A	hture: L, J.: Understanding Cryptography, Springer 2010. PATERSON, M. B.: Cryptography: Theory and Practie. CRC Press, 2018. Cryptography: Theory and Practice. Prentice Hall, 2003. ORSCHOT, P. van, VANSTONE, S.: Handbook of Applied Cryptography. pplied Cryptography, 20th Edition, John Wiley & Sons Inc., 2015				
Course language: Slovak or English					
Notes: Content prerequisitie	s: basic number theory and algebra, basic programming				

Course assessn Total number o	nent f assessed studen	ts: 128					
A B C D E FX							
14.06	14.06 9.38 14.84 14.84 31.25 15.63						
Provides: doc. RNDr. Jozef Jirásek, PhD., RNDr. Rastislav Krivoš-Belluš, PhD.							
Date of last modification: 08.01.2022							
Approved: doc. PaedDr. Ingrid Puchalová, PhD., prof. RNDr. Stanislav Krajči, PhD.							

University: P. J. Šafá	rik University in Košice
Faculty: Faculty of A	rts
Course ID: ÚINF/ DBS1a/15	Course name: Database systems
Course type, scope a Course type: Lectur Recommended cour Per week: 2 / 2 Per Course method: pre	nd the method: re / Practice rse-load (hours): study period: 28 / 28 esent
Number of ECTS cr	edits: 5
Recommended seme	ster/trimester of the course: 3.
Course level: I.	
Prerequisities:	
Conditions for cours Demonstration of add evaluation, the ability project. Written works during Written and oral example	e completion: equate mastery of the content standard of the subject in the ongoing and final y to formulate a problem in the acquired terminology and solve it within a the semester, project. n.
Learning outcomes: After completing the apply standard data n	course, the student acquires the principles of relational databases, is able to nodels, design relational databases and formulate filtering queries.
 Brief outline of the c 1) Relational databas 2) Data types, operated 3) JOIN operations. 4) AGGREGATION 5) Data and database 6) DB design, ER dia 7) System commands 8) Nested queries. RC 9) Three-valued logic 10) Data science and 11) Data warehouses. 12) Normalization of 	ourse: es. Query language SQL, filtering. ors, numerical, string and time functions. AND GROUP BY. models. Relational scheme. RDB principles. Data integrity. grams. about DB and tables. Cascading deletion and update. DLLUP. CASE expression. c. Quantifiers and NOT. Set operations. knowledge acquisition using R. Data cube. Pivot table. relational databases - 1. Relational algebra.
Recommended litera C.J. Date, Database I 978-1-449-32801-6 J. Murach, Murach's 1943872368 - R. Ramakrishnan, J	ture: Design and Relational Theory, 2012, O'Reilly Media, Inc., ISBN: MySQL, 3rd Edition, 2019, Mike Murach & Associates, Inc., ISBN-10: . Gehrke, Database Management Systems, 2020, McGraw-Hill, ISBN13
9780071231510 - S. Krajčí: Databázo	vé systémy, UPJŠ, 2005

Course language Slovak or Engli	ge: ish					
Notes:						
Course assessm Total number o	nent f assessed studen	ts: 950				
А	В	B C D E FX				
11.26	11.26 10.32 18.53 22.21 31.05 6.63					
Provides: doc.]	RNDr. Csaba Töi	rök, CSc., RNDr.	Lukáš Miňo, Ph	D.		
Date of last mo	dification: 08.01	.2022		_		
Approved: doc	. PaedDr. Ingrid 1	Puchalová, PhD.	, prof. RNDr. Sta	nislav Krajči, Ph	D.	

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University: P. J. Sata	irik University in Košice
Faculty: Faculty of A	Arts
Course ID: ÚINF/ DBS1b/15	Course name: Database systems
Course type, scope a Course type: Lectu Recommended cou Per week: 2 / 2 Per Course method: pro	ind the method: re / Practice rse-load (hours): study period: 28 / 28 esent
Number of ECTS cr	redits: 6
Recommended seme	ester/trimester of the course: 4.
Course level: I.	
Prerequisities: ÚINE	5/DBS1a/15
Conditions for course Demonstration of ad evaluation, the ability project. Written works during Written and oral examples	se completion: equate mastery of the content standard of the subject in the ongoing and final by to formulate a problem in the acquired terminology and solve it within a g the semester, project. m.
Learning outcomes: After completing the relational databases, with non-relational d	e course, the student will be able to apply more sophisticated techniques of theoretical analysis of functional dependencies of attributes and is able to work atabases.
Brief outline of the of 1) Introduction to SQ 2) Stored procedures 3) Views. CTE, recur 4) Transactions. Curs 5) Triggers and integ 6) XML documents a 7) Functional depend 8) The latest normal 9) Big data and NoSe 10) MongoDB, CRU 11) Aggregations and 12) Replication and s	 course: (L Server. Set operations. Window functions. System and user functions. rsion and transitive closure. sors. Pivoting. rity. Physical organization of data, B-trees and indexes. and their querying. JSON. lencies and NF. form - ETNF. QL. D and cursors. d indices. sharding.
Recommended litera - Date C.J., Database - I. Ben-Gan, D. Sarl 978-0-7356-8504-8	ature: Design and Relational Theory, O'Reilly, 2012 (a, A. Machanic, K. Farlee, T-SQL Querying, 2015, Microsoft Press, ISBN:

- I. Ben-Gan, T-SQL Fundamentals, Third Edition, 2016, Microsoft Press, ISBN: 978-1-5093-0200-0

- L. Davidson, Pro SQL Server Relational Database Design and Implementation, 2021, Apress, ISBN-13: 978-1-4842-6496-6

- K. Chodorow, MongoDB: The Definitive Guide, O'Reilly, second edition, 2013

Course language:

Slovak or English

Notes:

If necessary, teaching, mid-term and final evaluation will be by distance form.

Course assessment

Total number of assessed students: 793

А	В	С	D	Е	FX
9.58	8.7	14.12	24.34	33.54	9.71

Provides: doc. RNDr. Csaba Török, CSc., RNDr. Dávid Varga, RNDr. Lukáš Miňo, PhD.

Date of last modification: 08.01.2022

University: P. J. Sala	rik University in Kosice
Faculty: Faculty of A	Arts
Course ID: KPPaPZ/PUDB/15	Course name: Drug Addiction Prevention in University Students
Course type, scope a Course type: Practi- Recommended cou Per week: 2 Per stu Course method: pre	and the method: ce rse-load (hours): ady period: 28 esent
Number of ECTS cr	edits: 2
Recommended seme	ester/trimester of the course: 3., 5.
Course level: I.	
Prerequisities:	
Conditions for cours 1st of the evaluation: participation in works 50 - 45: A; 44 - 40: the electronic bulletin a combined method.	Se completion: active participation in the training part (30p). 2nd part of the evaluation: active shops (20p). In total, students can get 50p and the final evaluation is as follows: B; 39-35: C; 34-30: D; 29 - 25: E 24 and less: FX. Detailed information in n board of the course in AIS2. The teaching of the subject will be realized by
Learning outcomes: The student understa describe and explain substance use. Studen of substance and non The student is also a approaches in preven The student is able to and assume their pos	ands the principals of research data based prevention of risk behavior, can the determinants of risk behavior as well as protective and risk factors for nt understands and adequately interprets the theory explaining the background -substance addictions. able to state and classify the types and forms of prevention, strategies and ation, can distinguish effective strategies from ineffective ones. to adequately interpret their experience with preventive activities in the group itive effect as well as limitations and threats.
Brief outline of the c	course:
Recommended litera Orosová, O. a kol. (2 internetu v školskej p Sloboda, Z., & Buko and Practice. New Yo National and internat	Ature: 012). Základy prevencie užívania drog a problematického používania oraxi. Košice: UPJŠ. ski, J. (Eds.). (2006). Handbook of Drug Abuse Prevention: Theory, Science, ork: Springer. tional scientific journals.
Course language:	
510 / WIL	

Course assessment Total number of assessed students: 620					
А	В	С	D	Е	FX
78.55	15.81	3.71	1.45	0.16	0.32
Provides: prof. PhDr. Oľga Orosová, CSc., Mgr. Viera Čurová, PhD., Mgr. Janka Liptáková, PhDr. Anna Janovská, PhD., Mgr. Zuzana Michalove					
Date of last modification: 24.06.2022					
Approved: doc. PaedDr. Ingrid Puchalová, PhD., prof. RNDr. Stanislav Krajči, PhD.					
University: P. J. Šafá	rik University in Košice				
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Faculty: Faculty of <i>A</i>	Arts				
Course ID: ÚINF/ EDS/15	Course name: Educational software				
Course type, scope a Course type: Practi Recommended cou Per week: 2 Per stu Course method: pro	ind the method: ce rse-load (hours): idy period: 28 esent				
Number of ECTS cr	edits: 2				
Recommended seme	ester/trimester of the course: 5.				
Course level: I.					
Prerequisities:					
Conditions for course Conditions for ongoin 1. Creation of a work 2. Creation of a mult 3. Creation of an inster 4. Creation of an inster Conditions for the first Creation and present Conditions for succe Obtaining at least 50 Learning outcomes: Students will received a) presentation softwor conceptual maps, b) programs for the construction of the first of the first conceptual maps, b) programs for the construction of the first of the first conceptual maps, b) programs for the construction construction and models of the first construction and models of the first of the first construction and models of the first of the first construction and models of the first of the first of the first construction of the first of th	se completion: ng evaluation: isheet for student. imedia educational game. eractive educational quiz. ructional educational video. hal evaluation: ation of final project on the use of educational software in education. ssful completion of the course: % of points for ongoing and final assignments. , resp. deepen their basic skills in working with: are, programs for creating and editing images, animations, diagrams, sounds, treation of didactic tests, questionnaires, surveys, deling software,				
d) selected subject-or Students present and resources and tools in	discuss their idea of the use of educational software and educational Internet n the selected school subject.				
Brief outline of the a 1. Overview of educa 2. Creating and proce 3. Creation and use of textbooks and workb 4. Creation of instruct 5. Electronic voting a 6. Creation of didacti 7. Collaborative web 8. Online communica 9. Complex online le	course: ational software and educational web resources and tools. essing of materials for teaching aid . f electronic and interactive educational documents (worksheets, presentations, ooks). etional educational video. and questionnaire creation. c tests and educational games. Gamification elements, tools and environments. applications. ation tools. arning environments.				

10. Online educational platforms, repositories, projects and competitions.

11. Simulations and modelling. Subject-focused educational programmes.

12. Use digital tools to plan, monitor, differentiate and personalise learning. Accessibility of digital tools and learning resources.

Recommended literature:

SOLOMON, Gwen and Lynne SCHRUM, 2014. Web 2.0 How-to for Educators. Second. International Society for Technology in Education, 314 p. ISBN 978-1564843517.

STOBAUGH, Rebecca, 2019. Fifty Strategies to Boost Cognitive Engagement: Creating a Thinking Culture in the Classroom (50 Teaching Strategies to Support Cognitive Development). Solution Tree Press, 176 p. ISBN 978-1947604773.

LEMOV, Doug, 2015. Teach Like a Champion 2. 0: 62 Techniques That Put Students on the Path to College [online]. 2nd edition. John Wiley & Sons, Incorporated, 509 p. [cited 2021-7-10]. ISBN 9781118898628. Available from: https://ebookcentral.proquest.com/lib/upjs-ebooks/ detail.action?docID=1895720

European Schoolnet: Transforming education in Europe [online]. [cited 2021-7-10]. Available from: http://www.eun.org/home

Science On Stage Europe [online]. Science on Stage Europe e.V. [cited 2021-7-10]. Available from: https://www.science-on-stage.eu/

Course language:

Slovak and partly English due to selected programs and information sources

Notes:

By default, teaching is carried out face to face. If this is not possible (eg due to a pandemic), teaching is provided at a distance through video conferencing programs and LMS.

Course assessment

Total number of assessed students: 92

А	В	С	D	Е	FX
73.91	13.04	7.61	0.0	5.43	0.0

Provides: Ing. Zuzana Tkáčová, Ing.Paed.IGIP., doc. RNDr. Ľubomír Šnajder, PhD.

Date of last modification: 16.03.2024

Approved: doc. PaedDr. Ingrid Puchalová, PhD., prof. RNDr. Stanislav Krajči, PhD.

University: P. J.	. Šafárik Univers	ity in Košice				
Faculty: Faculty	y of Arts					
Course ID: KG ANGER/12	rse ID: KGER/ Course name: English Language for Students of German Language GER/12					
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present						
Number of EC'	I'S credits: 2					
Recommended	semester/trimes	ster of the cours	e: 1., 3., 5.			
Course level: I.						
Prerequisities:						
Conditions for	course completi	on:				
Learning outco	mes:					
Brief outline of	the course:					
Recommended	literature:					
Course languag	ge:					
Notes:						
Course assessm Total number of	Course assessment Total number of assessed students: 49					
А	В	С	D	Е	FX	
24.49	24.49 26.53 12.24 14.29 14.29 8.16					
Provides: Mgr.	Provides: Mgr. Lenka Klimčáková					
Date of last mo	dification: 12.07	7.2022				
Approved: doc.	PaedDr. Ingrid	Puchalová, PhD.,	prof. RNDr. Sta	nislav Krajči, Ph	D.	

r						
University: P. J.	Šafárik Univers	sity in Košice				
Faculty: Faculty	y of Arts					
Course ID: ÚIN BSSMI/22	Course ID: ÚINF/ BSSMI/22Course name: Essentials of Informatics					
Course type, sc Course type: Recommended Per week: Per Course metho	ope and the me I course-load (h • study period: d: present	thod: ours):				
Number of EC	FS credits: 2					
Recommended	semester/trime	ster of the cours	e:			
Course level: I.						
Prerequisities: ÚINF/SLO1a/15	ÚINF/PSIN/15 æ	und ÚINF/PAZ1b	o/15 and ÚINF/OS	SY/24 and ÚINF	7/AFJ1a/15 and	
Conditions for	course completi	on:				
Learning outco	mes:					
Brief outline of	the course:					
Recommended	literature:					
Course languag	ge:					
Notes:						
Course assessm Total number of	ent f assessed studen	ıts: 4				
А	В	С	D	Е	FX	
0.0	50.0	0.0	50.0	0.0	0.0	
Provides:						
Date of last mo	dification: 07.02	2.2022				
Approved: doc.	PaedDr. Ingrid	Puchalová, PhD.	, prof. RNDr. Sta	nislav Krajči, Ph	D.	

University: P. J. Šafárik University in Košice							
Faculty: Faculty of A	rts						
Course ID: KGER/ SZP1/15	Course name: Final Thesis	s Seminar 1					
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present							
Number of ECTS cro	edits: 1						
Recommended seme	ster/trimester of the cours	e: 5.					
Course level: I.							
Prerequisities:							
Conditions for cours	e completion:						
 to master theory and specialized terminology of study programme and field of study - sufficiently deep and systematic information survey focused on a selected topic to distinguish the elements of originality, compilation and summarization to apply the basic standard research methods as well as knowledge and skills acquired during the study to demonstrate competence to work and think independently and creatively in terms of content and form 							
Brief outline of the c choosing a topic – wo - information survey inprinted and electron contents - distribution of mate	 Brief outline of the course: choosing a topic – working title and formulation of objective information survey - gathering, selection and processing of relevant professional literature inprinted and electronic form - preliminary bibliography - excerpts making and elaboration of thesis contents distribution of materials into units according to their content - definite thesis contents 						
Recommended literature: MEŠKO, D. – KATUŠČÁK, D. a kol.: Akademická príručka. Martin 2004. The respective primary and secondary literature for master theses from linguistics, literature and intercultural studies							
Course language: German language							
Notes:							
Course assessment Total number of asses	ssed students: 63						
	abs	n					
	100.0	0.0					

Provides: doc. PhDr. Anna Džambová, PhD., doc. PaedDr. Ingrid Puchalová, PhD., Dr. rer. pol. Michaela Kováčová, Mgr. Alexandra Popovičová, PhD.

Date of last modification: 18.09.2024

Approved: doc. PaedDr. Ingrid Puchalová, PhD., prof. RNDr. Stanislav Krajči, PhD.

University: P. J. Šafá	rik University in Košice					
Faculty: Faculty of A	rts					
Course ID: KGER/ SZP2/15	Course name: Final Thesi	s Seminar 2				
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present						
Number of ECIS cr						
Recommended seme	ster/trimester of the cours	e: 6.				
Course level: I.						
Prerequisities: KGEI	R/SZP1/15					
Conditions for cours	e completion:					
Learning outcomes:						
Brief outline of the c	ourse:					
Recommended litera	iture:					
Course language:						
Notes:						
Course assessment Total number of asses	ssed students: 20					
	abs	n				
	100.0	0.0				
Provides: doc. PhDr. Anna Džambová, PhD., doc. PaedDr. Ingrid Puchalová, PhD., PhDr. Katarína Fedáková, PhD., Dr. rer. pol. Michaela Kováčová, Mgr. Alexandra Popovičová, PhD.						
Date of last modifica	Date of last modification: 18.09.2024					
Approved: doc. Paed	Dr. Ingrid Puchalová, PhD.,	prof. RNDr. Stanislav Krajči, PhD.				

University: P. J.	Šafárik Univers	ity in Košice				
Faculty: Faculty	of Arts					
Course ID: KGE NOK/22	ER/ Course name: German Business Communication					
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present						
Number of ECT	S credits: 2					
Recommended s	semester/trimes	ster of the cours	e: 3.			
Course level: I.						
Prerequisities:						
Conditions for c	ourse completi	on:				
Learning outcor	mes:					
Brief outline of	the course:					
Recommended I	literature:					
Course language	e:					
Notes:						
Course assessment Total number of assessed students: 13						
Α	В	С	D	E	FX	
7.69	7.69 38.46 30.77 7.69 15.38 0.0					
Provides: Mgr. A	Provides: Mgr. Alexandra Popovičová, PhD.					
Date of last mod	lification: 18.09	9.2024				
Approved: doc.	PaedDr. Ingrid	Puchalová, PhD.,	prof. RNDr. Star	nislav Krajči, PhI).	

University: P. J.	. Šafárik Univers	ity in Košice			
Faculty: Faculty	Faculty: Faculty of Arts				
Course ID: KG LITML/06	ER/ Course name: German Children and Young Adult Literature				
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present					
Number of EC	TS credits: 2				
Recommended	semester/trimes	ster of the cours	e: 2., 4., 6.		
Course level: I.					
Prerequisities:					
Conditions for	course completi	ion:			
Learning outco	omes:				
Brief outline of	the course:				
Recommended	literature:				
Course languag	ge:				
Notes:					
Course assessment Total number of assessed students: 95					
А	В	С	D	Е	FX
33.68	33.68 24.21 29.47 7.37 5.26 0.0				
Provides: doc. PaedDr. Ingrid Puchalová, PhD.					
Date of last mo	dification: 12.07	7.2022			
Approved: doc.	PaedDr. Ingrid	Puchalová, PhD.,	prof. RNDr. Sta	nislav Krajči, Ph	D.

University: P. J.	. Šafárik Univers	ity in Košice					
Faculty: Faculty	y of Arts						
Course ID: KG NJL/22	ER/ Course na	R/ Course name: German Language and Literature					
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present							
Number of EC	I S credits: 2						
Recommended	semester/trimes	ster of the cours	e:				
Course level: 1.							
Prerequisities:	,						
Conditions for	course completi	ion:					
Learning outco	mes:						
Brief outline of	the course:						
Recommended	literature:						
Course languag	ge:						
Notes:							
Course assessment Total number of assessed students: 17							
А	В	С	D	Е	FX		
35.29	35.29 23.53 11.76 17.65 11.76 0.0						
Provides:							
Date of last mo	dification: 30.04	1.2024					
Approved: doc.	PaedDr. Ingrid	Puchalová, PhD.,	prof. RNDr. Sta	nislav Krajči, Ph	D.		

University: P. J.	University: P. J. Šafárik University in Košice				
Faculty: Faculty	Faculty: Faculty of Arts				
Course ID: KG NL1/22	ER/ Course name: German Literature and Culture 1				
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 2 Per study period: 14 / 28 Course method: present					
Number of EC	I'S credits: 4				
Recommended	semester/trimes	ster of the cours	e: 3.		
Course level: I.					
Prerequisities:					
Conditions for	course completi	on:			
Learning outco	mes:				
Brief outline of	the course:				
Recommended	literature:				
Course languag	ge:				
Notes:					
Course assessment Total number of assessed students: 95					
А	В	С	D	Е	FX
21.05	28.42	27.37	11.58	8.42	3.16
Provides: doc. PaedDr. Ingrid Puchalová, PhD., Mgr. Juraj Dvorský, PhD.					
Date of last mo	dification: 10.10).2024			
Approved: doc.	PaedDr. Ingrid	Puchalová, PhD.,	prof. RNDr. Sta	nislav Krajči, Ph	D.

University: P. J.	University: P. J. Šafárik University in Košice					
Faculty: Faculty	Faculty: Faculty of Arts					
Course ID: KG NL2/22	GER/ Course name: German Literature and Culture 2					
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 2 Per study period: 14 / 28 Course method: present						
Number of EC	I'S credits: 4					
Recommended	semester/trimes	ster of the cours	e: 4.			
Course level: I.						
Prerequisities:						
Conditions for	course completi	on:				
Learning outco	mes:					
Brief outline of	the course:					
Recommended	literature:					
Course languag	ge:					
Notes:						
Course assessment Total number of assessed students: 92						
А	В	С	D	Е	FX	
15.22	15.22 26.09 29.35 15.22 9.78 4.35					
Provides: doc. PaedDr. Ingrid Puchalová, PhD.						
Date of last mo	dification: 12.07	7.2022				
Approved: doc.	PaedDr. Ingrid	Puchalová, PhD.,	prof. RNDr. Sta	nislav Krajči, Ph	D.	

University: P. J	. Šafárik Univers	ity in Košice				
Faculty: Facult	y of Arts					
Course ID: KG NL3/22	ER/ Course na	R/ Course name: German Literature and Culture 3				
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 2 Per study period: 14 / 28 Course method: present						
Number of EC	I'S credits: 4					
Recommended	semester/trimes	ster of the cours	e: 5.			
Course level: I.						
Prerequisities:						
Conditions for	course completi	on:				
Learning outco	omes:					
Brief outline of	the course:					
Recommended	literature:					
Course languag	ge:					
Notes:						
Course assessm Total number of	Course assessment Total number of assessed students: 84					
А	В	С	D	Е	FX	
13.1	28.57	34.52	11.9	10.71	1.19	
Provides: doc. PaedDr. Ingrid Puchalová, PhD., doc. PhDr. Anna Džambová, PhD., Mgr. Juraj Dvorský, PhD.						
Date of last mo	dification: 10.10	0.2024				
Approved: doc.	Approved: doc. PaedDr. Ingrid Puchalová, PhD., prof. RNDr. Stanislav Krajči, PhD.					

University: P. J	University: P. J. Šafárik University in Košice				
Faculty: Facult	Faculty: Faculty of Arts				
Course ID: KG NPER/22	ER/ Course name: German for Human Resources Management				
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present					
Number of EC	TS credits: 2				
Recommended	semester/trimes	ster of the cours	e: 4.		
Course level: I.					
Prerequisities:					
Conditions for	course completi	on:			
Learning outco	omes:				
Brief outline of	the course:				
Recommended	literature:				
Course languag	ge:				
Notes:					
Course assessm Total number of	nent f assessed studen	ts: 11			
А	В	С	D	Е	FX
18.18	18.18 36.36 0.0 27.27 18.18 0.0				
Provides: Mgr. Alexandra Popovičová, PhD.					
Date of last mo	dification: 18.09	9.2024			
Approved: doc.	PaedDr. Ingrid	Puchalová, PhD.,	prof. RNDr. Sta	nislav Krajči, Ph	D.

University: P. J	. Šafárik Univers	ity in Košice			
Faculty: Facult	y of Arts				
Course ID: KG NSK/22	rse ID: KGER/ Course name: German-Slovak Language Contacts /22				
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present					
Number of EC	FS credits: 2				
Recommended	semester/trimes	ster of the cours	e: 4., 6.		
Course level: I.	, II.				
Prerequisities:					
Conditions for	course completi	ion:			
Learning outco	omes:				
Brief outline of	the course:				
Recommended	literature:				
Course languag	ge:				
Notes:					
Course assessm Total number of	Course assessment Total number of assessed students: 41				
А	В	С	D	Е	FX
4.88	24.39	39.02	21.95	9.76	0.0
Provides: prof. Dr. Jörg Meier					
Date of last mo	dification: 12.07	7.2022			
Approved: doc.	PaedDr. Ingrid	Puchalová, PhD.,	, prof. RNDr. Sta	nislav Krajči, Ph	D.

University: P. J.	. Šafárik Univers	ity in Košice			
Faculty: Faculty	y of Arts				
Course ID: KPI POŽ/21	E/ Course na	Course name: Getting to know the Student in Education			
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present					
Number of EC	FS credits: 2				
Recommended	semester/trimes	ster of the cours	e: 4.		
Course level: I.					
Prerequisities:					
Conditions for	course completi	on:			
Learning outco	mes:				
Brief outline of	the course:				
Recommended	literature:				
Course languag	ge:				
Notes:					
Course assessm Total number of	Course assessment Total number of assessed students: 105				
Α	В	С	D	Е	FX
70.48	70.48 15.24 8.57 0.95 0.0 4.76				
Provides: PaedDr. Michal Novocký, PhD., Mgr. Beáta Sakalová, PhD.					
Date of last mo	dification: 12.03	3.2024			
Approved: doc.	PaedDr. Ingrid	Puchalová, PhD.,	prof. RNDr. Sta	nislav Krajči, Ph	D.

University: P. J. Šafá	rik University in Košice
Faculty: Faculty of A	rts
Course ID: KGER/ GRAM1/06	Course name: Grammar Seminar I
Course type, scope a Course type: Practic Recommended cour Per week: 2 Per stu Course method: pre	nd the method: ce rse-load (hours): dy period: 28 esent
Number of ECTS cro	edits: 2
Recommended seme	ster/trimester of the course: 1.
Course level: I.	
Prerequisities:	
Conditions for cours final written test	e completion:
Students can use define nouns, adjectives, pro- article correctly; can of texts, students can Brief outline of the c	nite, indefinite and zero article in the German language correctly, they decline mouns and some numerals with definite article, indefinite article and with no use correct prepositions and conjunctions in German sentences; in analysing apply theoretical grammatical knowledge.
 Gender, article, decl Declension of adjec Pronouns – types, fi Numerals – types, f Prepositions – their Conjunctions – their 	ension of nouns tives inctions and declension unctions and declension function in declension of nouns, prepositional relations r position in German syntax
Recommended litera DREYER, H. – SCH München 2009. HALL, K. – SCHEIN Ismaning 2001. HELBIG, G. – BUSC HERING, A. – MAT Mittelstufe. Deutsch PERLMANN-BALM Kursbuch und Arbeit RUG, W. – TOMASZ	ture: MITT, R. : Lehr- und Übungsbuch der deutschen Grammatik – aktuell. JER, B. : Übungsgrammatik für Fortgeschrittene. Deutsch als Fremdsprache. CHA, J. : Übungsgrammatik Deutsch. Berlin, München 2008. USSEK, M. – PERLMANN-BALME, M. : Übungsgrammatik für die als Fremdsprache. München 2009. IE, M. – SCHWALB, S. : em neu, Deutsch als Fremdsprache – B2, sbuch. Ismaning 2008. ZEWSKI, A. : Grammatik mit Sinn und Verstand. Stuttgart 2001.
Course language: German	

Notes:

Course assessment						
Iotal number o	f assessed studen	ts: 404	-			
А	В	С	D	E	FX	
11.14	17.82	19.8	18.32	16.34	16.58	
Provides: Mgr.	Provides: Mgr. Alexandra Popovičová, PhD.					
Date of last modification: 18.09.2024						
Approved: doc. PaedDr. Ingrid Puchalová, PhD., prof. RNDr. Stanislav Krajči, PhD.						

University: P. J.	Šafárik Univers	ity in Košice			
Faculty: Faculty	v of Arts				
Course ID: KG GRAM2/06	Course ID: KGER/ Course name: Grammar Seminar II GRAM2/06				
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present					
Number of ECT	FS credits: 2				
Recommended	semester/trimes	ster of the cours	e: 2., 4., 6.	=	
Course level: I.					
Prerequisities:					
Conditions for	course completi	on:			
Learning outco	mes:				
Brief outline of	the course:				
Recommended	literature:				
Course languag	je:				
Notes:	,				
Course assessm Total number of	Course assessment Total number of assessed students: 208				
Α	В	С	D	Е	FX
13.94	21.63	25.0	19.23	11.54	8.65
Provides: Mgr. Alexandra Popovičová, PhD.					
Date of last mo	dification: 18.09	9.2024			
Approved: doc.	PaedDr. Ingrid	Puchalová, PhD.,	prof. RNDr. Star	nislav Krajči, Ph	D.

University: P. J. Šafá	rik University in Košice						
Faculty: Faculty of Arts							
Course ID: KGER/ DOMC/22	Course name: Home Reading						
Course type, scope a Course type: Practic Recommended cour Per week: 2 Per stu Course method: pre	nd the method: ce rse-load (hours): dy period: 28 esent						
Number of ECTS cr	edits: 2						
Recommended seme	ster/trimester of the course: 1.						
Course level: I.							
Prerequisities:							
Conditions for cours examination (S)	e completion:						
Learning outcomes: To become familiar a to acquire first interp	nd learn basic techniques of reading of literary texts in the German language, retation experience						
Brief outline of the c - Basics of reading th - Reading as activity - Development of abi - Development of abi - Discussion with a list answers to these quest - Aesthetic perception - Ability to deduct an - Ability to interprete	ourse: eory lity to distinguish between important and not important lity to deduce meaning of unknown words iterary text - ability to give own questions regarding literary text and to find stions n d formulate the meaning of a literary text a literary text						
Recommended litera HELMLING, B. – W narrativen Texten. M DELABAR, W.(2009 DUDERSTADT, M. WICKE, R. E. (2019) München: Huber Ver WICKE, R. E. (2012) Huber Verlag.	ACKWITZ, G.(1986): Literatur im Deutschunterricht am Beispiel von ünchen.): Literaturwissenschaftliche Arbeitstechniken. Darmstadt. – FORYTTA, C. (1999): Literarisches Lernen. Frankfurt am Main.): Deutsch als Fremdsprache. Zwischendurch mal kurze Geschichten. lag.): Deutsch als Fremdsprache. Zwischendurch mal Gedichte. München:						
German language							
Notes:							

Course assessment Total number of assessed students: 34						
A B C D E FX						
35.29	23.53	17.65	8.82	14.71	0.0	
Provides: doc. PaedDr. Ingrid Puchalová, PhD., PhDr. PaedDr. Ján Markech, PhD., MBA						
Date of last modification: 12.07.2022						
Approved: doc. PaedDr. Ingrid Puchalová, PhD., prof. RNDr. Stanislav Krajči, PhD.						

University: P. J.	Šafárik Univers	ity in Košice			
Faculty: Faculty	of Arts				
Course ID: KPE INP/17	Course name: Inclusive Pedagogy				
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present					
Number of EC	l'S credits: 2				
Recommended	semester/trimes	ster of the cours	e: 5.		
Course level: I.					
Prerequisities:					
Conditions for	course completi	on:			
Learning outco	mes:				
Brief outline of	the course:				
Recommended	literature:				
Course languag	ge:				
Notes:					
Course assessm Total number of	ent assessed studen	ts: 111			
Α	В	С	D	Е	FX
69.37	69.37 22.52 3.6 1.8 2.7 0.0				
Provides: PaedDr. Michal Novocký, PhD.					
Date of last mo	dification: 14.09	9.2024			
Approved: doc.	PaedDr. Ingrid	Puchalová, PhD.,	prof. RNDr. Star	nislav Krajči, Ph	D.

University: P. J. Šafá	rik University in Košice
Faculty: Faculty of A	arts
Course ID: ÚINF/ IKTP/15	Course name: Information and Communication Technologies
Course type, scope a Course type: Practic Recommended cour Per week: 2 Per stu Course method: pre	and the method: ce rse-load (hours): ady period: 28 esent
Number of ECTS cr	edits: 2
Recommended seme	ester/trimester of the course: 3., 5.
Course level: I.	
Prerequisities:	
Conditions for cours Problems solved dur programs, text proces is accepted as the exa	Se completion: ring the semester. A final project using presentation programs, spreadsheet assors, internet resources and search tools. The ECDL certificate (all 7 modulus) am with the ranking "A-výborne".
Learning outcomes: To achieve and exten is acceptable in the E	d fundamental information and communication knowledge to the level which U region.
 Information sheet Information of the subject of the sub	of the subject. ÚINF / IKTP, content of the exercise, teaching resources, ject, examples of projects, cture, attachments, addresses, signature, filters), information search, bookmarks - naming, organizing, exporting, importing, and replace, inserting links, symbols and images, tabs, line breaks, paragraphs, rate, tables) yies, sections, header and footer, content and index creation) ss correspondence, creation of forms, printing the document to the printer and 'typographic rules, project creation1 - design of structure and content) sheet, table, cells (cell format), formulas (aggregation functions), data filtering, oJEKT1 (text in the style of the final thesis) by e-mail to ail.com (Subject: IKTP - projekt1) master, slide numbering, presentation navigation - links, buttons, image for change) om animations, presentation timing, annotations, printing the presentation and he presentation)

10 0						
12. Presentation PROJEK 12 (PowerPoint presentation)						
13. Flesentatio		Jwerronnt presen	(ation)			
Recommended	literature:		Commenter David	2007 160 - 191	זאר	
1. Francu, M: J	ak zviadnout test	y ECDL. Prana :	Computer Press	, 2007. 160 s. ISI	3N	
970-00-231-14 2 Iančařík Δ	ou-o. et al · S nočítačer	n do Evrony – F	CDI 2 vydanie	Praha · Comput	er Press 2007	
152 s ISBN 80)-251-1844-3	I do Lviopy L				
3. Kolektív aut	orov: Sylabus EC	DL verzia 5.0. [on-line] [citovan	é 9.2.2010]. Dost	tupné na	
internete: < http	://www.ecdl.sk/b	uxus/docs//interr	ne_informacie/Sy	/labus_V5.0/2009	90630ECDL-	
SylabusV50_S	K-V01_FIN.pdf>					
Course langua	ge:					
Slovak or Engl	ish					
Notes:						
Course assessn	nent					
Total number o	f assessed studen	ts: 1031				
А	В	С	D	Е	FX	
65.47	17.85	6.89	3.59	1.65	4.56	
Provides: doc. RNDr. Ľubomír Antoni, PhD.						
Date of last mo	odification: 23.11	.2021				
Approved: doc	. PaedDr. Ingrid I	Puchalová, PhD.,	prof. RNDr. Sta	nislav Krajči, Ph	D.	

University: P. J	University: P. J. Šafárik University in Košice				
Faculty: Facult	Faculty: Faculty of Arts				
Course ID: KP IIŠP/21	E/ Course na	Course name: Integration and Inclusion in School Practice			
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present					
Number of EC	FS credits: 2				
Recommended	semester/trimes	ster of the cours	e: 3.		
Course level: I.					
Prerequisities:					
Conditions for	course completi	ion:			
Learning outco	omes:				
Brief outline of	the course:				
Recommended	literature:				
Course languag	ge:				
Notes:					
Course assessm Total number of	nent f assessed studen	its: 54			
А	В	С	D	Е	FX
37.04	38.89	14.81	7.41	1.85	0.0
Provides: PaedDr. Michal Novocký, PhD., Mgr. Zuzana Vagaská, PhD.					
Date of last mo	dification: 14.09	9.2024			
Approved: doc.	PaedDr. Ingrid	Puchalová, PhD.,	prof. RNDr. Sta	nislav Krajči, Ph	D.

Uningensites D. L. Čafánil	Llaimanity in Vačias
University: P. J. Salarik	
Faculty: Faculty of Arts	5
Course ID: KGER/ C IKŠ1/12	ourse name: Intercultural Studies 1
Course type, scope and Course type: Practice Recommended course Per week: 2 Per study Course method: prese	I the method: e-load (hours): y period: 28 ent
Number of ECTS cred	its: 2
Recommended semeste	er/trimester of the course: 2.
Course level: I.	
Prerequisities:	
Conditions for course of assessment (H) - test	completion:
Students will familiarize and differences between with authentic texts an of studied phenomena students to better under of Germanophone coun	e themselves with selected country-related topics, realize common features in their own culture and cultures in German speaking countries. By working id secondary literature, students will understand causes and connections in German speaking countries culture. Acquired knowledge will enable rstand concepts from different areas of life presented in media and culture tries.
Brief outline of the cour The content of the cour countries from the follo - Physical geography - Political structure, cha - Political system, instit - Famous personalities - Society: demography, young people, immigran - Education: system of s education, possibilities - Economics, dominant market development, ur - Media and contempora - Language and its varie - Culture: Music, Theat	rse: rse is based on comparison of studies of Slovakia and German speaking wing aspects aracteristics of individual regions utions, parties, representatives, civil initiatives from science, engineering, economics and culture social classes, preferred values, extended behavioural patterns, life goals of nts and their integration, the role of church and religious societies schools and universities, priorities, problems and perspectives of university of study mobilities in German speaking countries t economic sectors, economic geography, economic policy lines, labour nemployment and its dimensions ary media discourse eties re, Film
Recommended literatu GAIDOSCH, U.; MÜL Hueber Verlag. KOPPENSTEINER, J.	LER, C. (2008) : Zur Orientierung. Basiswissen Deutschland. Ismaning : (2014) : Österreich. Ein landeskundliches Lesebuch. Wien : Praesens.

LUTSCHER, R. (2014) : Von der Wende bis heute. Landeskunde Deutschland. München : Hueber Verlag

(2011) Tatsachen über Deutschland. Frankfurt am Main : Societätsverlag. Aktuálne texty v printových a elektronických médiách.						
Course languag German	ge:					
Notes:						
Course assessm Total number of	lent f assessed studer	nts: 378				
А	В	С	D	Е	FX	
23.02	20.9	20.37	14.02	9.79	11.9	
Provides: Mgr.	Alexandra Popo	vičová, PhD., Ph	Dr. PaedDr. Ján I	Markech, PhD., N	/IBA	
Date of last modification: 12.07.2022						

Approved: doc. PaedDr. Ingrid Puchalová, PhD., prof. RNDr. Stanislav Krajči, PhD.

University: P. J. Šafárik University in Košice							
Faculty: Faculty of A	Faculty: Faculty of Arts						
Course ID: KGER/ Course name: Intercultural Studies 2 IKŠ2/22 IKŠ2/22							
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present							
Number of ECTS credits: 2							
Recommended semester/trimester of the course: 3.							
Course level: I.							
Prerequisities:							

Conditions for course completion:

Learning outcomes:

...

Student has an overview of political, economic and church history as well as history of culture and art in Germany and in Slovakia in the context of European history, with particular focus on intercultural contacts.

Brief outline of the course:

The content of the course includes history of Germany and Slovakia, comparison of development in both territories and clarification of mutual relations

Germanic and Slavic tribes: the way of life, individual tribes: basic classification, primary sources, contacts with the Roman Empire. Early Middle Ages: migration of nations, characteristics of Middle Ages, Samo's Empire, Frankish Empire with focus on Charles the Great, Christianisation of present-day Germany, the Great Moravia and its Christianisation, disintegration of the Frankish Empire, origins of the Holy Roman Empire, establishment of the Kingdom of Hungary, the Arpád dynasty, Ottonians, Romanesque style. High Middle Ages: characteristics of era, system of church, Investiture Controversy, increase of Papal power, emergence of mendicant orders, establishment of universities, rise of cities, Hanseatic League, the Arpád dynasty, Tartar attacks, expansion of the Teutonic Order into Baltic countries, German colonization in Slovakia, the Anjou dynasty, Sigismund of Luxembourg, the "Bratríci" Movement, Matthias Corvinus, the Jagiellonian dynasty, Battle of Mohács. Late Middle Ages: crisis of Middle Ages, humanism and renaissance, Reformation, spread of Reformation in Slovakia, rise of the Habsburghs, counter-reformation, Turkish wars, Thirty-Year's War, its causes and consequences, anti-Habsburg uprisings. The Enlightenment, enlightened despotism and baroque in German countries and in Habsburg Monarchy, reforms, classicism. Germany during the period of French control 1789 – 1815, Prussian reforms, Congress of Vienna and restoration, industrialization period; nationalistic movements, revolutions 1848. Unification of Germany 1871, German Empire, Bach's absolutism, Memorandum of the Slovak Nation, Matica slovenská, Dualism in Habsburg Monarchy, modernisation and social system, imperialism, WWI. Weimar Republic, consequences of the Treaty of Versailles, Golden Twenties, artistic styles: expressionism, Bauhaus, New Objectivity, establishment of the First Czechoslovak Republic, interwar Czechoslovakia, causes of Hitler's rise to power. The Third Reich, ideology, power structures, WWII, destruction of Czechoslovakia, the Slovak State, forms of resistance. After-war history in Federal Republic of Germany and German Democratic Republic, development in the Czechoslovak Socialist Republic, Revolutionary year 1989, Unification of Germany, contemporary art

Recommended literature:

BAMBACH-HORST, E. (ed.): Der Brockhaus Kunst: Künstler Epochen, Sachbegriffe. Wiesbaden 2005.

EPKENHANS, M. at al.: Geschichte und Geschichten. Stuttgart - Leipzig 2011.

GUTJAHR, H.- J.(ed.): Duden. Geschichte. Basiswissen Schule. Berlin 2011.

KAMENICKÝ, M. et al.: Lexikón svetových dejín. Bratislava 1997.

KOVÁČ, D.: Dejiny Slovenska. Praha 1998.

MÜLLER, H. M.: Deutsche Geschichte in Schlaglichtern. Mannheim 1996.

Course language:

German

Notes:

Х

Course assessment

Total number of assessed students: 97

А	В	С	D	Е	FX
3.09	15.46	23.71	23.71	29.9	4.12

Provides: Dr. rer. pol. Michaela Kováčová

Date of last modification: 12.07.2022

Approved: doc. PaedDr. Ingrid Puchalová, PhD., prof. RNDr. Stanislav Krajči, PhD.

University: P. J. Šafá	rik University in Košice
Faculty: Faculty of A	rts
Course ID: ÚINF/ UUI/23	Course name: Introduction to artificial intelligence
Course type, scope a Course type: Practic Recommended cour Per week: 2 Per stu Course method: pre	nd the method: ce rse-load (hours): dy period: 28 esent
Number of ECTS cr	edits: 3
Recommended seme	ster/trimester of the course:
Course level: I.	
Prerequisities:	
 Conditions for course Participation in exercise Take the Elements Write an essay on Develop and prese 	ercises (max. 3 absences per semester) of AI course (with certificate) the given topic (min. 50% points) ent a AI implementation proposal project (min. 50% points)
After completing the - To identify the basic - Characterize basic - Critically analyze th - Discuss the ethical, - Propose the possible everyday life	course, students can c application areas of the use of AI nowadays AI tools and procedures ne acquired knowledge, reevaluate it and use it in practice legal and social aspects of using AI ilities of using AI in the chosen field of science, research, industry, art or
 Brief outline of the c 1. First encounter with of AI 2. UI tools and proce 3. Machine learning 4. Neural networks 5. Robotics and AI 6. AI around us 7. AI in art and enter 8. Chatbots and lingu 9. Ethical, legal and s 10. Design Thinking 11. Projects presentation 	ourse: h artificial intelligence - what is and what is not AI, basic terminology, domains dures tainment histic models social applications of AI exercises: AI implementation design project tions
Recommended litera Elements of AI (https://www.commonsci.com/abs/1000000000000000000000000000000000000	s://course.elementsofai.com/)

Microsoft Azure AI fundamentals: get started with artificial intelligence (https:// learn.microsoft.com/sk-sk/training/paths/get-started-with-artificial-intelligence-on-azure/? wt.mc id=academic-77998-cacaste) People + AI guidebook (https://pair.withgoogle.com/guidebook/) Fan, S.: will AI replace us? A primer for the 21st century. Thames&Hudson, 2019. ISBN 978-0-500-29457-4 Using AI for social good (https://ai.google/education/social-good-guide/) Europe's approach to artificial intelligence: how AI strategy is evolving (https:// www.accessnow.org/cms/assets/uploads/2020/12/europes-approach-to-ai-strategy-isevolving.pdf) The essential AI handbook for leaders (https://peltarion.com/peltarions-essential-ai-handbookfor-leaders.pdf) **Course language:** Slovak Notes: **Course assessment** Total number of assessed students: 22 В С D Е FX Α 100.0 0.0 0.0 0.0 0.0 0.0 Provides: Ing. Zuzana Tkáčová, Ing.Paed.IGIP.

Date of last modification: 07.03.2023

Approved: doc. PaedDr. Ingrid Puchalová, PhD., prof. RNDr. Stanislav Krajči, PhD.

University: P. J. Ša	University: P. J. Šafárik University in Košice						
Faculty: Faculty of	Arts						
Course ID: ÚINF/ UGR1/15	VF/ Course name: Introduction to computer graphics						
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 2 Per study period: 28 / 28 Course method: present							
Number of ECTS	credits: 5						
Recommended sen	nester/trimes	ster of the cours	e: 3.				
Course level: I., II.							
Prerequisities:							
Conditions for cou	rse completi	on:					
Learning outcome To provide the stud graphics.	s: lents with kn	owledge of grapl	nics algorithms a	nd basic principl	les of computer		
Graphics hardware drawing 2D primit spline forms, Bézie perspective and pa Rendering techniq computer animatio	, input and ou ives. Filling a r curves, B-sp arallel projec ues, photore n, virtual real	tput devices. Colo and clipping. Cur plines, surfaces. I ctions. Visible-su alism, textures, ity.	or models, palette ve modeling, inte Homogenous coo rface determinat ray tracing, rac	s. Raster graphic erpolations and a rdinates, affine tr tion, illumination diosity. Object n	s algorithms for opproximations, ransformations, n and shading. representations,		
Recommended literature: FOLEY, J. D., van DAM, A., FEINER, S., HUGHES, J.: Computer Graphics: Principles and Practice, Addison-Wesley, 1991 MORTENSON, M.E.: Geometric modeling, 2.ed., Willey, 1997							
Course language:							
Notes:							
Course assessment Total number of assessed students: 326							
Α	B C D E FX						
12.58 10.12 13.8 23.62 32.21 7.67							
Provides: RNDr. Rastislav Krivoš-Belluš, PhD., doc. RNDr. Jozef Jirásek, PhD.							
Date of last modification: 08.01.2022							
Approved: doc. Pa	edDr. Ingrid l	Puchalová, PhD.,	prof. RNDr. Star	nislav Krajči, Ph	D.		

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Arts					
Course ID: ÚINF/ UIB1/21Course name: Introduction to information security					
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 2 Per study period: 28 / 28 Course method: present					
Number of ECTS credits: 5					
Recommended semester/trimester of the course: 3.					
Course level: I., N					
Prerequisities:					

Conditions for course completion:

The condition for passing the course is: 1. Exercise tasks (20% of the total number of points), 2. Homeworks (30% of the total number of points), 3. Written final theoretical exam (25% of the total number of points), 4. Written final practical exam (25% of the total number of points).

Learning outcomes:

The result of the education is an understanding of the basic concepts of information security from the technical, legal and procedural views of point.

Brief outline of the course:

1. Introduction to information security and information security model, 2. Information security management, 3. Risk and risk management, 4. Legal, normative and ethical aspects of information security, 5. Continuity management of activities, processes and security incidents handling, 6. Introduction to cryptology, 7. Access control, 8. Physical and environmental security, 9. Human resources security and social engineering, 10. End point security and malicious code, 11. Computer network security, 12. Application security, 13. Final exam.

Recommended literature:

1. MARTIN, Andrew, Awais RASHID, Steve SCHNEIDER a Howard CHIVERS. CyBOK: The Cyber Security Body of Knowledge. The National Cyber Security Centre, 2021, 2. ANDRESS, Jason, Awais RASHID, Steve SCHNEIDER a Howard CHIVERS. Foundations of Information Security: A Straightforward Introduction. 1. No Starch Press, 2019. ISBN 978-1718500044, 3. PELTIER, Thomas, Awais RASHID, Steve SCHNEIDER a Howard CHIVERS. Information Security Fundamentals. 2. Boca Raton: Auerbach Publications, 2013. ISBN 978-1138436893.

Course language:

Slovak or English

Notes:

Course assessment Total number of assessed students: 154							
A B C D E FX							
38.96	25.97	22.08	7.14	2.6	3.25		
Provides: doc. RNDr. JUDr. Pavol Sokol, PhD. et PhD., RNDr. Eva Marková							
Date of last modification: 04.01.2022							
Approved: doc. PaedDr. Ingrid Puchalová, PhD., prof. RNDr. Stanislav Krajči, PhD.							

DMATION I ETTED IDOR

University: P. J. Šafári	ik University in Košice
Faculty: Faculty of Ar	rts
Course ID: ÚINF/ UNS1/15	Course name: Introduction to neural networks
Course type, scope an Course type: Lecture Recommended cours Per week: 2 / 2 Per s Course method: pres	ad the method: e / Practice se-load (hours): study period: 28 / 28 sent
Number of ECTS cre	dits: 5
Recommended semes	ter/trimester of the course: 3.
Course level: I., N	
Prerequisities:	
Conditions for course The condition for pass networks, successful of types, and genetic algo exam.	e completion: sing the course is the realization of a project with the application of neural completion of two written tests in the field of neural networks, their basic orithms, as well as successful completion of the written and oral part of the
Learning outcomes: The result of the educa algorithms. The stude analysis and also work	tion is an understanding of the basic principles of neural networks and genetic nt will gain the ability to apply the acquired knowledge in intelligent data with a selected tool for modeling neural networks.
 Brief outline of the co Basic concept arisin calculable by threshold Perceptrons. Linear learning rule, higher o Forward neural nei method. Recurrent neural nei energy function, learning Model of gradually or recognition phase, sea Applications of stude Written test I. Motivation to mode Genetic programming blind algorithm and cli 10. Genetic and evolute Special technique algorithms. 	 purse: g from biology. Linear threshold units, polynomial threshold units, functions d units. separable objects, adaptation process (learning), convergence of perceptron rder perceptrons. etworks, hidden neurons, adaptation process (learning), backpropagation etworks. Hopfield neural networks, properties, associative memory model, ing, optimization problems (business traveler problem). created network. ART network, architecture, operations, initialization phase, rch and adaptation phase. Use of the ART network. died models in solving practical problems. el genetic elements. Genetic algorithm. Application of genetic algorithms. ng, root trees, Read's linear code. Basic stochastic optimization algorithms: imbing algorithm. Forbidden search method. tionary programming with typing, examples of use. Grammatical evolution.

13. Written test II.

Recommended literature:

1. AGGARWAL, Charu C. Neural networks and deep learning: a textbook. Cham: Springer, 2018. ISBN 978-3319944623.

2. KVASNIČKA, Vladimír. Úvod do teórie neurónových sietí. [Slovenská republika]: IRIS, 1997. ISBN 80-88778-30-1.

3. KVASNIČKA, Vladimír. Evolučné algoritmy. Bratislava: Vydavateľstvo STU, 2000. Edícia vysokoškolských učebníc. ISBN 80-227-1377-5.

4. MITCHEL, Melanie. An Introduction to Genetic Algorithms. Cambridge: MIT Press, 2002. ISBN 0-262-63185-7.

5. SINČÁK, Peter, ANDREJKOVÁ, G. Úvod do neurónových sietí, I. diel, Košice: ELFA, 1996. ISBN 808878638X

Course language:

Slovak or English

Notes:

Content prerequisites:

Basics of programming in Python, or another alternative programming language suitable for data analysis

Course assessment

Total number of assessed students: 493

А	В	С	D	Е	FX
19.27	17.85	21.5	17.24	20.28	3.85

Provides: doc. RNDr. Ľubomír Antoni, PhD., RNDr. Šimon Horvát, PhD.

Date of last modification: 23.11.2021

Approved: doc. PaedDr. Ingrid Puchalová, PhD., prof. RNDr. Stanislav Krajči, PhD.
University: P. J	. Šafári	k Univers	ity in Košice			
Faculty: Facult	y of Ar	ts				
Course ID: ÚIN MZI/21	Course ID: ÚINF/ Course name: Introduction to study of informatics					
Course type, sc Course type: 1 Recommended Per week: 2 / 2 Course metho	cope an Lecture d cours 2 Per su d: pres	d the met / Practice se-load (h tudy perio ent	thod: ours): od: 28 / 28			
Number of EC	TS cree	dits: 5				
Recommended	semest	ter/trimes	ster of the cours	e: 1.		
Course level: I.						
Prerequisities:						
Conditions for Understanding	course of basic	completi	on: atical notions			
Learning outco Understanding	omes: of basic	c mathema	atical notions			
 Brief outline of 1. Mathematica 2. Connections 3. Classes and s 4. Other operaries 5. Relations 6. Relational algorithm of the second s	the co l text and quasets ions op gebra s thmetic	urse: antifiers erácie				
Recommended https://ics.upis.s	literat sk/~kra	ure: ici/skola/v	vvucba/iesen/pre	dmetv/MZI.html		
Course languag Slovak	ge:	<u>.</u>	<u>,</u>			
Notes:						
Course assessment Total number of assessed students: 346						
A		В	С	D	Е	FX
44.51	2	21.1	11.27	3.18	1.73	18.21
Provides: prof.	RNDr.	Stanislav	Krajči, PhD.			

Date of last modification: 23.11.2021

Approved: doc. PaedDr. Ingrid Puchalová, PhD., prof. RNDr. Stanislav Krajči, PhD.

University: P. J.	Šafárik Univers	ity in Košice			
Faculty: Faculty	of Arts				
Course ID: KG UVJA/06	ID: KGER/ Course name: Introduction to the Study of German Language				
Course type, sco Course type: L Recommended Per week: 1 / 1 Course method	ope and the met Lecture / Practice l course-load (h Per study period: present	thod: ours): od: 14 / 14			
Number of ECT	FS credits: 3				
Recommended	semester/trimes	ster of the cours	e: 1.		
Course level: I.					
Prerequisities:					
Conditions for o	course completi	on:			
Learning outco	mes:				
Brief outline of	the course:				
Recommended	literature:				
Course languag	ge:				
Notes:					
Course assessm Total number of	Course assessment Total number of assessed students: 378				
A	В	С	D	Е	FX
6.08	6.08 9.79 17.46 20.11 23.54 23.02				
Provides: prof. Dr. Jörg Meier, Mgr. Alexandra Popovičová, PhD.					
Date of last mod	dification: 18.09	0.2024			
Approved: doc.	PaedDr. Ingrid	Puchalová, PhD.,	, prof. RNDr. Sta	nislav Krajči, Ph	D.

University: P. J. Šafárik University in Košice						
Faculty: Faculty of Arts						
Course ID: KGER/ UVLI/15	Course name: Introduction to the Study of German Literature					
Course type, scope a Course type: Lectur Recommended cou Per week: 1 / 1 Per Course method: pre	and the method: re / Practice rse-load (hours): study period: 14 / 14 esent					
Number of ECTS cr	edits: 3					
Recommended seme	ester/trimester of the course: 2.					
Course level: I.						
Prerequisities:						
Conditions for cours Final assessment: exa	se completion: amination (S)					
Learning outcomes: To gain a basic overv methods of work wit	view of theory of literature and literary science and to learn practical basis and h literary texts.					
 What is literature. Poetics and aesthe Development of t poetry, epic poetry, d Theory of verse. Fundamentals of litexts. Interpretation app and sociological meth prose, and drama. Classic texts of Get Reception of Germ 	Basic definitions. tics in individual periods. ypes, genres and their basic characteristics - work with literary texts. Lyric rama. iterary communication, reception, interpretation based on analysis of selected roaches (positivist, historical, phenomenological, existential, morphological hod) – demonstration and analysis of texts of master works of German poetry, erman literature and their reception today. han literature in Slovakia.					
Recommended litera BECKER, S.; HUMI Stuttgart : Reclam,. CULLER, J. (2002): übers. von Andreas M GUTZEN, D.; OELL Literaturwissenschaf JEßING, B.; KÖHNI Stuttgart [u.a.] : Metz KOMMICH, D., REJ Gegenwart. Stuttgart	MEL, Ch.; SANDER, G. (2002) : Grundkurs Literaturwissenschaft Literaturtheorie : eine kurze Einführung / Jonathan Culler. Aus dem Engl. Mahler Stuttgart : Reclam. JERS, N.; PETERSEN, J. H. (2009): Einführung in die neuere deutsche t : ein Arbeitsbuch / von - 6., neugefaßte Aufl Berlin : Schmidt. EN, R.(2007): Einführung in die Neuere deutsche Literaturwissenschaft. zler. NNER, R. G.; STIEGLER, B. (1996): Texte zur Literaturtheorie der : Reclam Verlag.					

MEYER-KRENTLER, E. (2001): Arbeitstechniken Literaturwissenschaft - 9., vollst. überarb. und aktualisierte Aufl. - München : Fink. (oder neuere Auflage)

NEUHAUS, S. (2003): Grundriss der Literaturwissenschaft. Tübingen u. Basel: Francke.

VOGT, J. (2002): Einladung zur Literaturwissenschaft : mit einem Hypertext-

Vertiefungsprogramm im Internet / Jochen Vogt. - 3., durchges. und aktualisierte Aufl. -München : Fink, 2002. - 287 S. (oder neuere Auflage)

WALDMANN, G.(2003): Neue Einführung in die Literaturwissenschaft. Aktive analytische und produktive Einübung in Literatur und den Umgang mit ihr – Ein systematischer Kurs. Hohengehren: Schneider-Verlag.

Course language:

German language

Notes:

Course assessment

Total number of assessed students: 136

А	В	С	D	Е	FX
20.59	20.59	19.85	10.29	19.85	8.82

Provides: doc. PaedDr. Ingrid Puchalová, PhD., Mgr. Juraj Dvorský, PhD.

Date of last modification: 12.07.2022

Approved: doc. PaedDr. Ingrid Puchalová, PhD., prof. RNDr. Stanislav Krajči, PhD.

University: P. J.	University: P. J. Šafárik University in Košice					
Faculty: Faculty	y of Arts					
Course ID: KG JKOM1/12	Course ID: KGER/ Course name: Language Competence 1 JKOM1/12					
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 4 Per study period: 56 Course method: present						
Number of EC	FS credits: 3					
Recommended	semester/trimes	ster of the cours	e: 1.			
Course level: I.						
Prerequisities:						
Conditions for	course completi	on:				
Learning outco	mes:					
Brief outline of	the course:					
Recommended	literature:					
Course languag	ge:					
Notes:						
Course assessm Total number of	ent f assessed studen	ts: 506				
Α	В	С	D	Е	FX	
13.44	13.44 24.51 25.1 13.83 13.24 9.88					
Provides: Mgr. Alexandra Popovičová, PhD., PhDr. PaedDr. Ján Markech, PhD., MBA						
Date of last mo	Date of last modification: 06.10.2024					
Approved: doc.	Approved: doc. PaedDr. Ingrid Puchalová, PhD., prof. RNDr. Stanislav Krajči, PhD.					

University: P. J	. Šafárik Univers	sity in Košice				
Faculty: Facult	y of Arts					
Course ID: KG JKOM2/15	Course ID: KGER/ Course name: Language Competence 2 KOM2/15					
Course type, sc Course type: I Recommended Per week: 4 Pe Course metho	ope and the me Practice d course-load (h er study period: d: present	thod: 				
Number of EC	TS credits: 3					
Recommended	semester/trime	ster of the cours	e: 2.	_		
Course level: I.						
Prerequisities:						
Conditions for	course completi	ion:				
Learning outco	mes:					
Brief outline of	the course:					
Recommended	literature:					
Course languag	ge:					
Notes:						
Course assessm Total number of	ent f assessed studen	its: 133				
А	В	С	D	Е	FX	
12.03	31.58	24.06	12.78	11.28	8.27	
Provides: Mgr. Alexandra Popovičová, PhD., Dr. rer. pol. Michaela Kováčová, PhDr. PaedDr. Ján Markech, PhD., MBA						
Date of last modification: 12.07.2022						
Approved: doc.	PaedDr. Ingrid	Puchalová, PhD.,	, prof. RNDr. Sta	nislav Krajči, Ph	D.	

University: P. J.	. Šafárik Univers	ity in Košice				
Faculty: Faculty	y of Arts					
Course ID: KG JKOM3/22	Course ID: KGER/ Course name: Language Competence 3 JKOM3/22					
Course type, sc Course type: F Recommended Per week: 2 Po Course method	ope and the me Practice I course-load (h er study period: d: present	thod: ours): 28				
Number of EC	FS credits: 3					
Recommended	semester/trimes	ster of the cours	e: 3.			
Course level: I.						
Prerequisities:						
Conditions for	course completi	on:				
Learning outco	mes:					
Brief outline of	the course:					
Recommended	literature:					
Course languag	ge:					
Notes:						
Course assessm Total number of	ent f assessed studen	.ts: 94				
А	В	С	D	Е	FX	
19.15	19.15 29.79 29.79 12.77 6.38 2.13					
Provides: Mgr. Alexandra Popovičová, PhD.						
Date of last mo	dification: 18.09	9.2024				
Approved: doc.	PaedDr. Ingrid	Puchalová, PhD.,	prof. RNDr. Star	nislav Krajči, Ph	D.	

University: P. J.	Šafárik Univers	ity in Košice				
Faculty: Faculty	y of Arts					
Course ID: KG JKOM4/22	Course ID: KGER/ Course name: Language Competence 4 JKOM4/22					
Course type, sc Course type: F Recommended Per week: 2 Pe Course method	ope and the met Practice I course-load (h er study period: d: present	thod: ours): 28				
Number of EC	FS credits: 2					
Recommended	semester/trimes	ster of the cours	e: 4.			
Course level: I.						
Prerequisities:						
Conditions for	course completi	on:				
Learning outco	mes:					
Brief outline of	the course:					
Recommended	literature:					
Course languag	ge:					
Notes:						
Course assessm Total number of	ent f assessed studen	its: 54				
Α	В	С	D	Е	FX	
24.07	24.07 20.37 29.63 9.26 9.26 7.41					
Provides: Mgr. Juraj Dvorský, PhD.						
Date of last mo	Date of last modification: 06.10.2024					
Approved: doc. PaedDr. Ingrid Puchalová, PhD., prof. RNDr. Stanislav Krajči, PhD.						

University: P. J.	. Šafárik Univers	ity in Košice				
Faculty: Faculty	y of Arts					
Course ID: KG JKOM5/12	Course ID: KGER/ Course name: Language Competence 5 IKOM5/12					
Course type, sc Course type: H Recommended Per week: 2 Pe Course metho	ope and the met Practice d course-load (h er study period: d: present	thod: ours): 28				
Number of EC	IS credits: 2					
Recommended	semester/trimes	ster of the cours	e: 5.			
Course level: I.						
Prerequisities:						
Conditions for	course completi	on:				
Learning outco	omes:					
Brief outline of	the course:					
Recommended	literature:					
Course languag	ge:					
Notes:						
Course assessm Total number of	ent f assessed studen	ts: 23				
А	В	С	D	Е	FX	
26.09	26.09	34.78	4.35	8.7	0.0	
Provides: Mgr. Alexandra Popovičová, PhD., Mgr. Ulrika Strömplová, PhD., PhDr. PaedDr. Ján Markech, PhD., MBA						
Date of last modification: 06.10.2024						
Approved: doc.	PaedDr. Ingrid l	Puchalová, PhD.,	prof. RNDr. Star	nislav Krajči, Ph	D.	

University: P. J.	Šafárik Univers	ity in Košice				
Faculty: Faculty	of Arts					
Course ID: KG JKOM6/22	Course ID: KGER/ Course name: Language Competence 6 JKOM6/22					
Course type, sc Course type: F Recommended Per week: 2 Pe Course method	ope and the met Practice I course-load (h er study period: d: present	thod: ours): 28				
Number of ECT	FS credits: 2					
Recommended	semester/trimes	ster of the cours	e: 6.			
Course level: I.						
Prerequisities:						
Conditions for a	course completi	on:				
Learning outco	mes:					
Brief outline of	the course:					
Recommended	literature:					
Course languag	ge:					
Notes:						
Course assessm Total number of	ent fassessed studen	its: 17				
Α	В	С	D	Е	FX	
47.06	47.06 23.53 5.88 17.65 5.88 0.0					
Provides: Mgr. Juraj Dvorský, PhD.						
Date of last mo	Date of last modification: 06.10.2024					
Approved: doc.	Approved: doc. PaedDr. Ingrid Puchalová, PhD., prof. RNDr. Stanislav Krajči, PhD.					

University: P. J. Šafá	rik University in Košice						
Faculty: Faculty of Arts							
Course ID: KGER/ LEX/12	Course name: Lexicology of German Language						
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 1 Per study period: 14 / 14 Course method: present							
Number of ECTS cr	edits: 3						
Recommended seme	ester/trimester of the course: 4.						
Course level: I.							
Prerequisities:							
Conditions for cours -	se completion:						
Learning outcomes: Students will learn ba deepen their knowle establish their own le	asic lexicological terms, concepts and methods. Working during seminars will dge of the system of vocabulary of studied language, and will extend and exis.						
Brief outline of the c - Lexicology as scien - Word as language s - Lexical meaning of meaning - Lexical and sema	course: ace - position of lexicology in linguistics, areas of lexicology ign, specific features of language sign, theoretical concepts of language sign word - types of lexical meanings, structure and methods of analysis of lexical antic relations in vocabulary - polysemy, homonyms, paradigmatic and						
syntagmatic relations semantic field.	s in vocabulary: synonyms, hyperonym and hyponym, antonyms, word field,						
of meaning of words - Vocabulary stratific	, morphemic structure of words ation						
- Phraseology: types between phraseologis	of phraseologisms, features of phraseologisms, lexical and semantic relations						
- Lexicography, type	s of dictionaries and their use						
Recommended litera BUSCHA, A. – FRIH deutschen Sprache. E BUSSMANN, H: Le RÖMER, C. – MATZ RÖMER, C.: Der deu VAJÍČKOVÁ, M. : I 2005. WANZECK, C: Lexi	ature: EDRICH, K.: Deutsches Übungsbuch. Übungen zum Wortschatz der Berlin 2001. xikon der Sprachwissenschaft. Stuttgart 2002. ZKE, B.: Lexikologie des Deutschen. Eine Einführung. Tübingen 2003. utsche Wortschatz. Struktur, Regeln und Merkmale. Tübingen 2019. Lexikalisches Grundwissen in Sprachsystem und Sprachgebrauch. Bratislava kologie. Göttingen 2010						

Course languag German	ge:					
Notes:						
Course assessment Total number of assessed students: 201						
А	В	С	D	E	FX	
6.97	17.91	27.36	23.88	17.91	5.97	
Provides: doc. Dr.hab. Zsuzsanna Iványi, PhD., Dr. rer. pol. Michaela Kováčová						
Date of last mo	dification: 12.07	7.2022				
Approved: doc	. PaedDr. Ingrid I	Puchalová, PhD.,	prof. RNDr. Star	nislav Krajči, PhI).	

University: P. J. Šafárik University in Košice					
Faculty: Faculty of A	ints				
Course ID: ÚMV/ MTI4a/22	Course name: Mathematics I for informaticians				
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 2 Per study period: 28 / 28 Course method: present					
Number of ECTS cro	edits: 5				
Recommended semester/trimester of the course: 1.					
Course level: I.					
Prerequisities:					

Conditions for course completion:

Two tests, completion of individual and group homework. Assessment is given on the basis of semestral evaluation and examination test. The ability to solve selected types of problems (without context/with context) also in combination with mathematical software is evaluated. Furthermore, the understanding of concepts and relationships between them (conceptual questions / tasks) is taken into account. A total of 100 points can be obtained (60 points during the semester and 40 points for the exam test). In addition, it is possible to obtain bonus points for various activities (solving bonus tasks, active approach to the subject during the semester ...). A minimum of 25 points (out of a possible 60) and the submission of a sufficient number of individual assignments according to the instructions are required from the semester.

Learning outcomes:

To obtain basic mathematical knowledge about the divisibility of integers, congruences, number systems, vectors, matrices and determinants, as well as the functions of one real variable. To get acquainted with the applications (including the information technologies) of some fundamental mathematical concepts. To learn to work with mathematical software and together with the acquired knowledge to use it in solving various types of problems.

Brief outline of the course:

Introduction to the teaching system, technologies and mathematical software (1 week). Integers and divisibility, prime numbers and congruences, applications of congruences and residue classes - basic properties of integer divisibility, canonical decomposition of a number, greatest common divisor and least common multiple of numbers, Euclidean algorithm, solution of (linear) Diophantine equations and (linear) congruences, addition and subtraction of residue classes (3 weeks). Number systems and conversions between them - positional number systems and conversions between them, arithmetic operations in different number systems (1 week). Vectors, matrices, determinants, their applications and introduction to analytical geometry - vector and matrix operations, scalar and vector product, angles of vectors, calculation of matrix determinants (from definition, Saruss rule, row/column expansion), inverse matrix determination (using determinant and adjoint matrix, Gaussian-Jordan method), solution of linear systems equations (Gaussian elimination method, Cramer's rule, substitution/addition method), eigenvalues/eigenvectors of a matrix (3 weeks). Introduction to (elementary) functions - domains and graphs of functions, basic properties of

functions (boundedness, monotonicity, parity, periodicity), operations with functions, inverse function, basic properties of elementary functions (polynomial, power, exponential, logarithmic, trigonometric, cyclometric) (2 weeks).

Recommended literature:

Hallet D. H. (2014). Applied Calculus. John Wiley & Sons.

Koshy T. (2007). Elementary Number Theory with Applications. Elsevier.

Judson T. W., Austin S. F. (2019). Abstract Algebra: Theory and Applications. GNU Free Documentation License.

Lay D. C. (2012). Linear Algebra And Its Applications. Boston: Addison-Wesley.

Studenovská D., Madaras T. (2006). Matematika pre nematematické odbory. UPJŠ.

Studenovská D., Madaras T., Mockovciak S. (2006). Zbierka úloh z matematiky pre nematematické odbory. UPJŠ.

Zimmermann P. et al. (2018). Computational Mathematics with SageMath. Springer.

Course language:

Slovak

Notes:

Course assessment

Total number of assessed students: 66

А	В	С	D	Е	FX
9.09	3.03	15.15	36.36	27.27	9.09

Provides: RNDr. Andrej Gajdoš, PhD., RNDr. Stanislav Basarik, PhD.

Date of last modification: 18.03.2024

Approved: doc. PaedDr. Ingrid Puchalová, PhD., prof. RNDr. Stanislav Krajči, PhD.

	COURSE INFORMATION LETTER
University: P. J. Šafá	rik University in Košice
Faculty: Faculty of A	irts
Course ID: ÚMV/ MTI4b/22	Course name: Mathematics II for informaticians
Course type, scope a Course type: Lectur Recommended cour Per week: 2 / 2 Per Course method: pre	nd the method: re / Practice rse-load (hours): study period: 28 / 28 esent
Number of ECTS cr	edits: 5
Recommended seme	ster/trimester of the course: 2.
Course level: I.	
Prerequisities: ÚMV	/MTI4a/22
Conditions for cours Two tests, completion on the basis of seme problems (without co- evaluated. Furthermo questions / tasks) is the semester and 40 p various activities (so minimum of 25 point assignments accordin	e completion: n of individual and group homework during the semester. Assessment is given stral evaluation and examination test. The ability to solve selected types of ontext / with context) also in combination with mathematical software is re, the understanding of concepts and relationships between them (conceptual taken into account. A total of 100 points can be obtained (60 points during points for the exam test). In addition, it is possible to obtain bonus points for lving bonus tasks, active approach to the subject during the semester). A s (out of a possible 60) and the submission of a sufficient number of individual ag to the instructions are required from the semester.
Learning outcomes: Gain basic knowledg get acquainted with t	e of differential and integral calculus of functions of one real variable. Also he functions of several (mostly two) variables.
Brief outline of the c Differential calculus of of functions, applicat real variable - primiti improper integrals (3 function limits, partia	ourse: of functions of one real variable - limits and continuity of functions, derivatives ions of derivatives of functions (4 weeks). Integral calculus of functions of one ve function, substitution method, per partes, applications of a definite integral, 8 weeks). Functions of several (two) variables - domains and visualization, al derivatives, determination of (local) extremes of functions (3 weeks).
Recommended litera Boelkins M., Austin Hallet D. H. et al. (20 Hallet D. H. (2014). Hallet D. H. et al. (20 Hartman G. et al. (20 Schlicker S., Austin J D. Studenovská, T. M odbory, UPJŠ 2006	 hture: D., Schlicker S. (2018). Active Calculus. 978-1085940856. (12). Calculus: Single & Multivariable Variable. Wiley. Applied Calculus. John Wiley & Sons. (17). Calculus: Single Variable. Wiley. (18). APEX Calculus. 978-1514225158. D., Boelkins M. (2018). Active Calculus - Multivariable. 978-1548655525. Madaras, S. Mockovčiak: Zbierka úloh z matematiky pre nematematické

D. Studenovská, T. Madaras: Matematika pre nematematické odbory, UPJŠ 2006

Course language: Slovak						
Notes:						
Course assessment Total number of assessed students: 51						
А	В	С	D	Е	FX	
9.8	11.76	19.61	39.22	17.65	1.96	
Provides: RND	Provides: RNDr. Andrej Gajdoš, PhD., RNDr. Stanislav Basarik, PhD.					
Date of last modification: 18.03.2024						
Approved: doc.	. PaedDr. Ingrid l	Puchalová, PhD.,	prof. RNDr. Sta	nislav Krajči, Phl	D.	

University: P. J	. Šafárik Univers	ity in Košice				
Faculty: Facult	y of Arts					
Course ID: KP MKŠP/21	KPE/ Course name: Mentoring and Coaching in School Practice					
Course type, sc Course type: I Recommended Per week: 2 Pe Course metho	ope and the met Practice d course-load (h er study period: d: present	thod: ours): 28				
Number of EC	TS credits: 2					
Recommended	semester/trimes	ster of the cours	e: 5.			
Course level: I.						
Prerequisities:						
Conditions for	course completi	on:				
Learning outco	mes:					
Brief outline of	the course:					
Recommended	literature:					
Course languag	ge:					
Notes:				=		
Course assessment Total number of assessed students: 63						
А	В	С	D	Е	FX	
84.13	84.13 12.7 3.17 0.0 0.0 0.0					
Provides: Mgr. Zuzana Vagaská, PhD.						
Date of last mo	dification: 18.09	0.2024				
Approved: doc.	PaedDr. Ingrid	Puchalová, PhD.,	prof. RNDr. Sta	nislav Krajči, Ph	D.	

University: P. J	. Šafárik Univers	ity in Košice				
Faculty: Facult	y of Arts					
Course ID: KG MORF/22	Course ID: KGER/ Course name: Morphology of German Language					
Course type, sc Course type: 1 Recommended Per week: 1/2 Course metho	ope and the met Lecture / Practice d course-load (h 2 Per study peri d: present	thod: ours): od: 14 / 28				
Number of EC	FS credits: 4					
Recommended	semester/trimes	ster of the cours	e: 2.			
Course level: I.						
Prerequisities:						
Conditions for	course completi	ion:				
Learning outco	omes:					
Brief outline of	the course:					
Recommended	literature:					
Course languag	ge:					
Notes:						
Course assessm Total number of	Course assessment Total number of assessed students: 106					
А	В	С	D	Е	FX	
13.21	13.21 27.36 26.42 20.75 7.55 4.72					
Provides: doc. Dr.hab. Zsuzsanna Iványi, PhD.						
Date of last mo	dification: 12.07	7.2022				
Approved: doc.	PaedDr. Ingrid	Puchalová, PhD.,	prof. RNDr. Sta	nislav Krajči, Ph	D.	

University: P. J	. Šafárik Univers	ity in Košice				
Faculty: Facult	y of Arts					
Course ID: KP MMKV/17	Course ID: KPE/ Course name: Multiculturalism and Multicultural Education MMKV/17					
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present						
Number of EC	FS credits: 2					
Recommended	semester/trimes	ster of the cours	e: 4.			
Course level: I.						
Prerequisities:						
Conditions for	course completi	ion:				
Learning outco	omes:					
Brief outline of	the course:					
Recommended	literature:					
Course languag	ge:					
Notes:						
Course assessm Total number of	Course assessment Total number of assessed students: 242					
А	В	С	D	Е	FX	
40.08	40.08 41.32 16.94 0.83 0.41 0.41					
Provides: PaedDr. Michal Novocký, PhD.						
Date of last mo	dification: 12.03	3.2024				
Approved: doc.	PaedDr. Ingrid	Puchalová, PhD.,	prof. RNDr. Sta	nislav Krajči, Ph	D.	

University: P. J. Šafá	irik University in Košice						
Faculty: Faculty of A	Arts						
Course ID: ÚINF/ OSY1/21	Course name: Operating systems						
Course type, scope a Course type: Lectu Recommended cou Per week: 2 / 1 Per Course method: pr	Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 1 Per study period: 28 / 14 Course method: present						
Number of ECTS ci	edits: 4						
Recommended seme	ester/trimester of the course: 3.						
Course level: I.							
Prerequisities:							
Conditions for cour Oral exam	se completion:						
Learning outcomes: Student obtains base their structure and co of the life cycle of pr knowledge of physic as well as phenomen student to understan intervene with running	knowledge about the properties and internal processes of operating systems, incept. By completing the course, the student will gain a comprehensive picture cocesses, their planning and communication between them. He will also gets a cal, logical and virtual memory management and understands synchronization na such as deadlocks or starvation. The acquired knowledge will enable the d the behavior of the operating system, which leads to gaining the ability to ng operating system, eventually optimize it.						
Brief outline of the of 1. History, developm 2. Kernel of the oper 3. Process - definition 4. Process - planning 5. Process - inter-pro- 6. Thread - definition 7. Synchronization of 8. Deadlock and star 9. Memory - definiti 10. Memory - alloca 11. Memory - MMU 12. Memory - virtua 13. File system - definite 14. File system - file	course: tent, user interface and structure of operating systems. ating system and system calls, implementation. n, structure, life cycle, implementation. g algorithms, multiprocessing. beess communication. n, structure, life cycle, implementation. of processes and system resources. vation - prevention, detection, recovery. on, types of memories, usage, volatility, DMA. tion strategies, paging, fragmentation. , TLB, MPU, segmentation. I memory management strategies. inition, structure, implementation. , directory, attributes, access control, ACL.						
Recommended liter 1. SILBERSCHATZ 10th Revised edition 2. TANENBAUM, A Pearson Education L	ature: , Abraham, Peter B. GALVIN a Greg GAGNE. Operating System Concepts. . New York, United States: John Wiley, 2021. ISBN 9781119800361. Andrew, Herbert BOS. Modern Operating Systems. 4th edition. London, UK: .imited, 2014. ISBN 9781292061429.						

3. The Linux Kernel documentation. Linux Kernel Library [online]. Dostupné z: https:// www.kernel.org/doc/html/latest/

4. DOWNEY, Ällen B. The Little Book of Semaphores [online]. Version 2.2.1. Green Tea Press, 2016. Dostupné z: https://greenteapress.com/semaphores/LittleBookOfSemaphores.pdf

1	1 0	1	1	1	1		
Course language: Slovak or English							
Notes:	Notes:						
Course assessment Total number of assessed students: 222							
А	В	С	D	Е	FX		
22.52	22.52 20.27 22.07 23.42 10.36 1.35						
Provides: RNDr. PhDr. Peter Pisarčík, doc. RNDr. JUDr. Pavol Sokol, PhD. et PhD.							
Date of last modification: 08.10.2021							
Approved: doc	. PaedDr. Ingrid	Puchalová, PhD.	, prof. RNDr. Sta	nislav Krajči, Phl	Э.		

University: P. J. Šafá	rik University in Košice
Faculty: Faculty of A	rts
Course ID: KGER/ ORT1/15	Course name: Orthography 1
Course type, scope a Course type: Practic Recommended cour Per week: 2 Per stu Course method: pre	nd the method: ce rse-load (hours): dy period: 28 esent
Number of ECTS cr	edits: 2
Recommended seme	ster/trimester of the course: 1.
Course level: I.	
Prerequisities:	
Conditions for cours assessment (H)	e completion:
Learning outcomes: Students have knowled of 1903 and the late orthography reform in	edge of development of German orthography, in particular problems of reform est orthography reform, they are aware of changes and rules of the latest in practice.
Brief outline of the c - Relationship betweed - Historical and phon - Overview of develo - the latest reform of and training of select	ourse: en written and spoken language, phoneme - grapheme relationship etic principle in orthography - contrastive view pment of written German language, 1st and 2nd orthographic conference German orthography - overview of changes in specific areas of orthography ed rules
Recommended litera DUDEN : Die neue F FELSENSTEIN, T. – Augsburg 1999. LÜBKE, D. : Übunge 2000. MAIER, M. – NILL, Düsseldorf, Leipzig 2 SCHEURINGER, H. Reformdiskussion. N	 ture: Rechtschreibung. Mannheim 1996. HAGGENMÜLLER, R.: Basis-Trainer Deutsch. Neue Recht-schreibung. en zur neuen Rechtschreibung. In: Deutsch als Fremdsprache München Chr.: Rechtschreibung 2000. Grundlegende Übungen zur Reform. Stuttgart, 2004. – STANG, Chr. Die deutsche Rechtschreibung. Geschichte. euregelung. Wien 2004.
Course language: German	
Notes:	

Course assessn	nent	156					
Total number o	i assessed studen	ts: 156					
A B C D E FX							
12.18	25.0	23.08	12.18	14.74	12.82		
Provides: Dr. re	Provides: Dr. rer. pol. Michaela Kováčová						
Date of last modification: 12.07.2022							
Approved: doc. PaedDr. Ingrid Puchalová, PhD., prof. RNDr. Stanislav Krajči, PhD.							

University: P. J.	Šafárik Univers	ity in Košice				
Faculty: Faculty	v of Arts					
Course ID: KG ORT2/12	Course ID: KGER/ Course name: Orthography 2 ORT2/12					
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present						
Number of ECT	S credits: 2					
Recommended	semester/trimes	ster of the cours	e: 2.			
Course level: I.						
Prerequisities:						
Conditions for o	course completi	on:				
Learning outco	mes:					
Brief outline of	the course:					
Recommended	literature:					
Course languag	e:					
Notes:	,					
Course assessment Total number of assessed students: 107						
A	В	С	D	Е	FX	
25.23	25.23 37.38 18.69 12.15 3.74 2.8					
Provides: PhDr. PaedDr. Ján Markech, PhD., MBA						
Date of last mod	lification: 12.07	7.2022				
Approved: doc.	PaedDr. Ingrid I	Puchalová, PhD.,	prof. RNDr. Star	nislav Krajči, Ph	D.	

University: P. J.	University: P. J. Šafárik University in Košice					
Faculty: Faculty	of Arts					
Course ID: KPE Pg/15	Course ID: KPE/ Course name: Pedagogy					
Course type, scope and the method: Course type: Lecture Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present						
Number of EC	S credits: 2		2			
Recommended	semester/trimes	ster of the cours	e: 3.			
Course level: 1.						
Prerequisities:						
Conditions for o	course completi	ion:				
Learning outco	mes:					
Brief outline of	the course:					
Recommended	literature:					
Course languag	ge:					
Notes:						
Course assessment Total number of assessed students: 1155						
Α	В	С	D	Е	FX	
23.81 28.57 22.68 13.85 9.18 1.9						
Provides: PaedDr. Michal Novocký, PhD., doc. PaedDr. Renáta Orosová, PhD.						
Date of last modification: 14.09.2024						
Approved: doc. PaedDr. Ingrid Puchalová, PhD., prof. RNDr. Stanislav Krajči, PhD.						

University: P. J. Šafa	árik University in Košice
Faculty: Faculty of A	Arts
Course ID: KPPaPZ/PP/15	Course name: Positive Psychology
Course type, scope a Course type: Pract Recommended cou Per week: 2 Per stu Course method: pr	and the method: ice irse-load (hours): udy period: 28 resent
Number of ECTS c	redits: 2
Recommended sem	ester/trimester of the course: 4., 6.
Course level: I.	
Prerequisities:	
Conditions for cour Assessment is based format. Up-to-date i on the electronic boa	se completion: on interim evaluation. The subject will be taught in both present and distance nformation concerning the subject for the given academic year can be found ard of the subject in the Academic information system of the UPJŠ.
Students will acquir its main theory, cur rapidly developing f thinking to the challe individual in conterr topics of positive ps	e basic knowledge concerning the reasons for founding Positive psychology, rent research, as well as application of Positive psychology as a new and ield within psychology. Students will also gain experience in applying critical enges and issues that Positive psychology brings and raises in the context of the apprary society. Emphasis is placed on the ability to critically evaluate current ychology.
Brief outline of the 1. Different perspect 2. Main theoretical <i>a</i> 3. Positive emotions 4. Meaningfulness 5. Positive interperse 6. Post-traumatic gro 7. Hope and optimis 8. Gratitude 9. Spirituality as a per 10. Wisdom 11. Positive institution 12. New themes and	course: ives on well-being nad happiness in psychology approaches to positive psychology and positivity onal relations owth m ersonality dimension ons topics in PP
Recommended liter Brewer, M. B, Hwes Deci, E., Ryan R. M Křivohlavý, J.: Pozit Křivohlavý, J.: Psyc Křivohlavý, J.: Psyc	ature: tone, M: Emotion and Motivation, Blackwell, 2004 ., Handbook of Self – Determination Reasearch, Rochester, 2002 tivní psychologie. Praha, Portál, 2003 hologie vděčnosti a nevděčnosti. Praha, Grada, 2007 hologie moudrosti a dobrého života, Praha, Grada, 2012

Křivohlavý, J.: Psychologie pocitu štěstí, Grada, 2013 McAdams, D. P., The Person, New York, 2002 Seligman, M. E. P., & Csikszentmihalyi, M. (Eds.). (2000). Positive psychology [Special issue] American Psychologist, 55(1). Říčan, P.: Psychologie náboženství a spirituality, Praha, Portál, 2007 Slezáčková, A.:Pruvodce pozitivní psychologií, Praha, Grada, 2012

Course language:

Notes:

Course assessment

Total number of assessed students: 462

А	В	С	D	Е	FX
98.27	1.3	0.22	0.0	0.22	0.0

Provides: Mgr. Jozef Benka, PhD.

Date of last modification: 24.06.2022

Approved: doc. PaedDr. Ingrid Puchalová, PhD., prof. RNDr. Stanislav Krajči, PhD.

University: P. J. Šafárik University in Košice
Faculty: Faculty of Arts
Course ID: KGER/ Course name: Practical Phonetics PFON/12
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 1 Per study period: 14 / 14 Course method: present
Number of ECTS credits: 3
Recommended semester/trimester of the course: 2.
Course level: I.
Prerequisities:
Conditions for course completion: examination (S)
Learning outcomes: Learning of basic phonetic terms from the German language and their practical implementation
 Brief outline of the course: Definition of terms phonetics and phonology System of vowels and consonants in German and their comparison with Slovak Connection of phonemes Phonemes in German (place and manner of articulation, assimilation) Phonetic transcription Relations between phonemes and graphemes Syllable Suprasegmental phenomena (word and sentence accent, pause, intonation) Phonological and stylistic levels of the German language
 Recommended literature: DUDEN. Das Aussprachewörterbuch (2000) 4. Auflage., Mannheim, Dudenverlag Einführung in die Phonetik und Phonologie der deutschen Aussprache. Handout zur Lehrveranstaltung. Jena 2004. KOHLER, K. J.: (1995) Einführung in die Phonetik des Deutschen. Berlin RAUSCH, R. – RAUSCH, I.:(1991) Deutsche Phonetik für Ausländer, München, Langenscheidt, GEHRMANN, S.: (1994) Deutsche Phonetik in Theorie und Praxis,, Zagreb, Školska knjiga STOCK, E.: Deutsche Intonation (1996), Langenscheidt Verlag Enzyklopädie KRÁĽ, A, - SABOL, J.:(1989) Fonetika a fonológia, Bratislava, SPN
Course language: German

Notes:

Course assessment							
Total number o	Total number of assessed students: 297						
A B C D E FX							
20.2	19.87	23.91	19.19	11.45	5.39		
Provides: doc. PaedDr. Ingrid Puchalová, PhD.							
Date of last modification: 12.07.2022							
Approved: doc. PaedDr. Ingrid Puchalová, PhD., prof. RNDr. Stanislav Krajči, PhD.							

University: P. J. Šafár	rik University in Košice
Faculty: Faculty of A	rts
Course ID: ÚINF/ PRP2/15	Course name: Principles of computers
Course type, scope an Course type: Lectur Recommended cour Per week: 2 / 1 Per s Course method: pre	nd the method: e / Practice rse-load (hours): study period: 28 / 14 esent
Number of ECTS cre	edits: 4
Recommended semes	ster/trimester of the course: 2.
Course level: I.	
Prerequisities:	
Conditions for cours Graded activities: ass	e completion: ignments, mid semester exam, final exam
 Know brief history Neumann type. Understand relation able to perform basic Learn basics about le principles of how ba memory. Know principles of memory access. Get idea of device d 	of computer, classification and construction principles of computers of von between real numbers, integers and their binary representation as well as be arithmetic and logic operations over binary represented numbers. ogic gates, combination and sequence circuits and their structure. Understand sic circuits realize arithmetic-logic unit and other parts of computers e.g. 'communication of processor and other devices via interruptions and direct trivers, device controllers and their functionality.
 Brief outline of the constraints Brief outline of the constraints Computers of von 1 Encoding of intege Logic functions and Combination circuit Arithmetic logic ur Sequential circuits, Machine cycle. Types of instruction Instruction cycle and Memory and mem Communication be interruption in compute and functionality. Portability of pro- Graphical adapters, mediation 	Neumannovho type, brief history of computer science. rs, real numbers and arithmetic operations. Encoding of symbols. d their realization and optimisation. its. Realization of basic functional and control elements on computer circuits. nit ant its realization. memory cell, organization of memory matrix, types of memories. n and instructions sets. nd processing of instructions. hory subsistem. etween processor and peripheral devices. Input output devices, mechanism of ter, direct memory access. Functionality of device drivers. Device controllers ograms. External and peripheral memories their principles and their use. nonitors, printers, digital scanners.

1. STALLINGS, William. Computer Organization and Architecture. Prentice Hall, 2002. ISBN 978-0-13-410161-3.

2. DEMBOWSKI, Klaus. Mistrovství v hardware. Computer Press, 2009. ISBN

978-80-251-2310-2.

3. MINASI, Mark. Velký průvodce hardwarem. Grada, 2002. ISBN 978-80-251-2310-2.

Course language:

Slovak or English

Notes:

Course assessment

Total number of assessed students: 341

А	В	С	D	Е	FX
28.45	15.54	15.84	13.78	22.29	4.11

Provides: RNDr. PhDr. Peter Pisarčík

Date of last modification: 23.11.2021

Approved: doc. PaedDr. Ingrid Puchalová, PhD., prof. RNDr. Stanislav Krajči, PhD.

University: P. J. Šafári	University: P. J. Šafárik University in Košice					
Faculty: Faculty of Arts						
Course ID: ÚINF/ PBS/15	Course name: Pro-seminar to bachelor thesis					
Course type, scope an Course type: Practice Recommended course Per week: 1 Per stud Course method: pres	d the method: e se-load (hours): y period: 14 ent					
Number of ECTS cree	dits: 1					
Recommended semest	ter/trimester of the course: 4.					
Course level: I.						
Prerequisities:						
Conditions for course Creating a website abo bachelor's thesis assign motivation to select a b into the AIS by the the	completion: but a bachelor's thesis. Selection of bachelor thesis topic. Presentation of the iment and its objectives. Preparation of an essay in the extent of 1 page on the bachelor's thesis. Creation of the bachelor's thesis assignment and its insertion esis supervisor.					
Learning outcomes: Basic knowledge of t requirements for selec the bachelor's thesis as	he principles of creation and structure of bachelor's theses. Criteria and ting an appropriate bachelor thesis topic. Knowledge about the structure of ssignment.					
Brief outline of the co 1. Principles in creatin 2. The presentations of 3. The presentations of 4. The presentations of 5. Bachelor thesis and 6. Assignment of bach 7. Basic types of bach 8. Structure of different 9. Requirements for fin 10. External company 11. Presentation of sele 13. Presentation of sele	urse: g a final thesis. f bachelor thesis topics by potential supervisors. f bachelor thesis topics by potential supervisors. f bachelor thesis topics by potential supervisors. its objectives. elor thesis. elor theses. it types of bachelor theses. hal bachelor theses. final theses. ected topics of final theses. ected topics of final theses. ected topics of final theses.					
Recommended literat 1. STN 01 6910. Rules 2. STN ISO 2145. Doc 1997. 3. STN ISO 690. Infor references to informati 4. KATUŠČÁK, Danie	ure: s of writing and editing documents. 2011. cumentation. Numbering of sections and subsections of written documents. mation and documentation. Instructions for creating bibliographic ion sources and their citation. 2012 el. How to write final and qualification theses. Enigma, 2013					

5. Scientific literature related to the topic of the final thesis according to the recommendation of the thesis supervisor.

Course language: Slovak or English					
Notes:					
Course assessment Total number of assessed students: 389					
abs	n				
95.37	4.63				
Provides: doc. RNDr. Ľubomír Antoni, PhD.					
Date of last modification: 08.01.2022					
Approved: doc. PaedDr. Ingrid Puchalová, PhD.,	prof. RNDr. Stanislav Krajči, PhD.				

University: P. J.	. Šafárik Univers	ity in Košice					
Faculty: Faculty	Faculty: Faculty of Arts						
Course ID: KG OJK/22	ER/ Course name: Professional Language and Communication						
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present							
Number of EC	TS credits: 2						
Recommended	semester/trimes	ster of the cours	e: 5.				
Course level: I.							
Prerequisities:							
Conditions for	course completi	on:					
Learning outco	omes:						
Brief outline of	the course:						
Recommended	literature:						
Course languag	ge:						
Notes:							
Course assessment Total number of assessed students: 11							
А	В	С	D	Е	FX		
54.55	54.55 18.18 9.09 9.09 9.09 0.0						
Provides: Mgr. Alexandra Popovičová, PhD.							
Date of last modification: 18.09.2024							
Approved: doc. PaedDr. Ingrid Puchalová, PhD., prof. RNDr. Stanislav Krajči, PhD.							

University: P. J.	Šafárik Univers	ity in Košice				
Faculty: Faculty	Faculty: Faculty of Arts					
Course ID: KGI OPX/15	Course ID: KGER/ Course name: Professional Practice					
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: Per study period: 10d Course method: present						
Number of ECI	S credits: 2					
Recommended :	semester/trimes	ster of the cours	e: 2., 4., 6.			
Course level: I.						
Prerequisities:						
Conditions for a	course completi	on:				
Learning outco	mes:					
Brief outline of	the course:					
Recommended	literature:					
Course languag	e:					
Notes:	,					
Course assessment Total number of assessed students: 19						
Α	В	С	D	Е	FX	
100.0 0.0 0.0 0.0 0.0						
Provides: doc. PaedDr. Ingrid Puchalová, PhD.						
Date of last modification: 12.07.2022						
Approved: doc. PaedDr. Ingrid Puchalová, PhD., prof. RNDr. Stanislav Krajči, PhD.						
University: P. J. Šafá	rik University in Košice					
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Faculty: Faculty of A	urts					
Course ID: ÚINF/ SPP1a/15	Course name: Programming environments in schools I					
Course type, scope a Course type: Lectur Recommended cou Per week: 2 / 2 Per Course method: pre	nd the method: re / Practice rse-load (hours): study period: 28 / 28 esent					
Number of ECTS cr	edits: 4					
Recommended seme	ster/trimester of the course: 3.					
Course level: I.						
Prerequisities: UINF	7/PAZ1a/15					
Conditions for cours At least 50 % of the 1 A minimum of 50 %	e completion: marks in the intermediate assessment marks in the mid-term and end-of-semester practical tests					
Learning outcomes: Ability to implement Ability to design a Formulate and solve	more complex algorithms algorithms in the Python programming language. nd program educational software in the Python programming language. school computer science problems.					
Brief outline of the c 1. Introduction to Py 2. Simple data types 3. Control structures 4. Function definition 5. Import and creatio 6. Error types and err 7. Saving data to a fi 8. Testing the correct 9. Object-oriented pr 10. Creation of graph 11. Design criteria, d 12. Solving more corr oriented approach an	thon, basic features of Python, syntax. (number, logical type), structured types (string, list, dictionary, set, tuple). (loops, conditional statements, exception management). n (parameters, return value), function documentation. n of modules. ror condition handling. Exception handling and raising. le and reading data from a file. Data serializing. Open data and its analysis. ness of algorithms (doctest, unittest), test data. ogramming. Design and implementation of custom classes. nical interface of programs. esign and programming of educational software. mplex algorithmic problems from real life or school practice using the object- d the resources of the Python programming language.					
Recommended litera PILGRIM, Mark. Po 430 s. CZ.NIC. ISBN mark_pilgrim_dip3_ SHIPMAN, John W. Tech Computer Cent tkinter/tkinter.pdf	nture: nořme se do Python(u) 3: Dive into Python 3. 1. Praha: CZ.NIC, c2010, N 978-80-904248-2-1. Dostupné také z: http://knihy.nic.cz/files/nic/edice/ ver3.pdf Tkinter 8.5 reference: a GUI for Python. Socorro, NM 87801: New Mexico er, 2013. Dostupné také z: https://anzeljg.github.io/rin2/book2/2405/docs/					

GUNIŠ, Ján, Viera MICHALIČKOVÁ, Martin CÁPAY a Ľubomír ŠNAJDER.

Riešenieproblémov a programovanie. Bratislava: Centrum vedecko-technických informácií SR, 2020.ISBN 978-80-89965-62-5.

HETLAND, Magnus Lie. Beginning Python: from novice to professional. New York: Distributed to the book trade worldwide by Springer-Verlag, c2005. ISBN 1-59059-519-X.

KRNÁČ, Jozef, Miloslava SUDOLSKÁ a Ľudovít TRAJTEĽ. Ďalšie vzdelávanie učiteľov základných škôl a stredných škôl v predmete informatika: Učiteľ s kompetenciami programátora. Bratislava: Štátny pedagogický ústav Bratislava, 2010. ISBN 978-80-8118-083-5.

Course language:

Slovak language, knowledge of English is only required to read Python documentation.

Notes:

Course assessment

Total number of assessed students: 38

А	В	С	D	Е	FX
23.68	18.42	36.84	7.89	7.89	5.26

Provides: PaedDr. Ján Guniš, PhD., univerzitný docent

Date of last modification: 31.08.2021

Faculty: Faculty of Arts

Course ID: ÚINF/	Course name: Programming environments in schools II
SPP1b/22	

Course type, scope and the method:

Course type: Lecture / Practice

Recommended course-load (hours):

Per week: 2 / 2 Per study period: 28 / 28

Course method: present

Number of ECTS credits: 4

Recommended semester/trimester of the course: 5.

Course level: I., N

Prerequisities: ÚINF/SPP1a/15

Conditions for course completion:

Conditions for ongoing evaluation:

1. Educational software or game programmed in the Scratch environment,

2. A programming etude created for learning of programming in the MIT App Inventor environment.

3. Educational or assistive software programmed in the MIT App Inventor environment.

4. A programmed project using the BBC micro: bit kit.

Conditions for successful completion of the course:

Obtaining at least 50% of points for ongoing assignments.

Learning outcomes:

After completing this course, students are able to:

a) get an overview of educational programming environments,

b) acquire programming skills in selected educational programming environments,

c) develop the ability to design and program educational software for devices using their sensors and actuators.

Brief outline of the course:

1. Teaching algorithmization and programming in primary and secondary school - objectives, content, textbooks and methodological materials. Algorithmic computer games.

- 2. Programming in the Scratch environment.
- 3. Programming in the Scratch environment.
- 4. Programming in the Scratch environment.
- 5. Programming of mobile devices in the MIT App Inventor environment.
- 6. Programming of mobile devices in the MIT App Inventor environment.
- 7. Programming of mobile devices in the MIT App Inventor environment.
- 8. Programming of mobile devices in the MIT App Inventor environment.
- 9. Programming of mobile devices in the MIT App Inventor environment.
- 10. Programming BBC micro: bit kits in MS MakeCode environment.

11. Programming BBC micro: bit kits in MS MakeCode environment.

12. Overview of educational programming initiatives and development environments.

Recommended literature:

BELL, Charles A., 2017. Micropython for the internet of things: a beginner's guide to programming with Python on microcontrollers. New York, NY: Springer Science+Business Media. ISBN 9781484231227. GUTSCHANK, Jörg et al., 2019. Coding in STEM Education [online]. Berlin: Science on Stage Deutschland e.V., 76 p. [cited 2021-7-10]. ISBN 978-3-942524-58-2. Available from: https://www.science-on-stage.eu/sites/default/files/material/ coding in stem education en 2nd edition.pdf ŠNAJDER, Ľubomír, Gabriela LOVÁSZOVÁ, Viera MICHALIČKOVÁ and Ján GUNIŠ, 2020. Programovanie mobilných zariadení [online]. Bratislava: Centrum vedecko-technických informácií SR, 300 p. [cited 2020-11-30]. ISBN 978-80-89965-63-2. Available from: https:// registracia.itakademia.sk/media/themes/nip-pmz.pdf WOLBER, David, 2014. App Inventor: Vytvořte si vlastní aplikaci pro Android. Brno: Computer Press. ISBN 978-80-251-4195-3. LOVÁSZOVÁ, Gabriela, Jana GALBAVÁ, Viera PALMÁROVÁ and Monika TOMCSÁNYIOVÁ, 2010. Ďalšie vzdelávanie učiteľov základných škôl a stredných škôl v predmete informatika: Malé programovacie jazyky. Bratislava: Štátny pedagogický ústav. ISBN 978-80-8118-066-8. CODE.ORG. Learn today, build a brighter tomorrow. Code.org [online]. [cited 2021-7-13]. Available from: https://code.org/ THE LIFELONG KINDERGARTEN GROUP AT MIT MEDIA LAB. Scratch - Imagine, Program, Share [online]. [cited 2021-7-13]. Available from: https://scratch.mit.edu/ MASSACHUSETTS INSTITUTE OF TECHNOLOGY. MIT App Inventor Explore MIT App Inventor [online]. [cited 2021-7-13]. Available from: http:// appinventor.mit.edu/ MICRO:BIT EDUCATIONAL FOUNDATION. BBC micro:bit [online]. [cited 2021-7-13]. Available from: https://microbit.org/ SPY O.Z. Učíme s Hardvérom [online]. [cited 2021-7-13]. Available from: https:// www.ucimeshardverom.sk/ **Course language:** Slovak or English Notes: By default, teaching is carried out face to face. If this is not possible (eg due to a pandemic),

teaching is provided at a distance through video conferencing programs and LMS.

Course assessment

Total number of assessed students: 24

А	В	С	D	Е	FX
25.0	20.83	12.5	25.0	4.17	12.5

Provides: doc. RNDr. L'ubomír Šnajder, PhD.

Date of last modification: 08.02.2022

University: P. J. Šafá	rik University in Košice
Faculty: Faculty of A	rts
Course ID: ÚINF/ PRS/15	Course name: Programming of robotic kits
Course type, scope a Course type: Practic Recommended cour Per week: 3 Per stu Course method: pre	nd the method: ce rse-load (hours): dy period: 42 esent
Number of ECTS cr	edits: 3
Recommended seme	ster/trimester of the course: 3.
Course level: I.	
Prerequisities:	
Conditions for cours Evaluation of indeper robotic mini-projects Creation of own task	the completion: Indent work with kits and in educational programming environments in solving and presentation of the solution with methodological recommendations.
Learning outcomes: 1. To acquire an over 2. To acquire skills environments.	view of robotic sets and robotic programming environments. in constructing and programming robots in selected robotic programming
 Brief outline of the c 1. Robotic kit (Lego I mechanical parts of m 2. Programming of n Education Spike - br sensors, datalogging. Hacks, Rain or shine 3. Programming of ro of mini-projects 4. Robotic competition 5. Creation and present a maze, sports, rescue 	ourse: Mindstorms EV3 and Spike Prime) - parts, motors, sensors, basics of building nodels robotic models in Lego Education Mindstorms EV3 and Classroom, Lego anching commands, cycles, blocks, events, parallel processes, working with Creating mini-projects (eg explorer, rescuer, parking, Super Cleanup, Life ?) botic models in the block programming environment EV3 and Spike - creation ons, ideas for more demanding projects. entation of the final project - a programmed robotic model (eg going through er) with documentation.
Recommended litera 1. BUMGARDNER, geekdad/2007/03/the 2. Carnegie Mellon. I 3. Pavel Petrovič, http 4. Get ready with Les 5. LEGO® Education development#about 6. SCRATCH Progra	ature: J. (2007) The Origins of Mindstorms. Wired, 2007. http://www.wired.com/ _origins_of_/ Robotics Academy. http://www.education.rec.ri.cmu.edu/ p://robotika.sk/events/18Skolenia/priruckaEV3.pdf ssons: https://education.lego.com/en-us/lesson n Professional Development, https://education.lego.com/en-us/professional- mming Lessons, https://primelessons.org/en/Lessons.html,

Course langua Slovak	ige:							
Notes:								
Course assess Total number of	nent of assessed studen	ts: 54						
А	В	B C D E FX						
53.7	53.7 24.07 11.11 1.85 0.0 9.26							
Provides: Ing. Angelika Hanesz								
Date of last mo	odification: 23.11	.2021						
Approved: doc	. PaedDr. Ingrid I	Puchalová, PhD.,	, prof. RNDr. Sta	nislav Krajči, Ph	D.			

University: P. J. Safái	rik University in Košice
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Faculty: Faculty of Arts

Course ID: ÚINF/	Course name: Programming of web-pages
PSW1/06	

Course type, scope and the method: Course type: Practice Recommended course-load (hours):

Per week: 2 Per study period: 28

Course method: present

Number of ECTS credits: 2

Recommended semester/trimester of the course: 4.

Course level: I.

Prerequisities: (ÚINF/DBS1a/15 or ÚINF/DBS/15) and (ÚINF/PAZ1a/15 or ÚINF/PRG1/15)

Conditions for course completion:

50% of the marks from continuous assignments

Learning outcomes:

An overview of modern technologies for creating dynamic websites. Describing and applying the basic principles of creating dynamic web pages. Utilize client-side (JavaScript) and server-side (PHP) web programming technologies. Using relational databases (MySQL) to create application web pages. Know the security risks of dynamic websites and be able to eliminate them.

Brief outline of the course:

- 1. JavaScript introduction to JavaScript programming.
- 2. JavaScript communication with the user, validation of data in forms using JavaScript.
- 3. JavaScript introduction to using the jQuery library.
- 4. PHP introduction to PHP programming.
- 5. PHP data and control structures of the PHP language.
- 6. PHP communication with the user, validation of data in forms using PHP.
- 7. PHP object oriented problem solving in PHP language. File manipulation.
- 8. PHP User authentication (cookies, session).
- 9. MySQL introduction to working with MySQL database system.
- 10. MySQL Simple applications using the database for data storage and access.

11. Web application security - an introduction to web application security.

12. Web application security - the most common web application security problems and how to eliminate them.

Recommended literature:

BLUM, Richard. PHP, MySQL& JavaScript: All-in-One. Hoboken, New Jersey: John Wiley, 2018. ISBN 978-1-119-46838-7.

KROMANN, Frank M. Beginning PHP and MySQL: From Novice to Professional. 5. CA, USA: Apress, 2018. ISBN 978-1-4302-6043-1.

HUSEBY, Sverre H. Zranitelný kód. Brno: Computer Press, 2006, 207 s. ISBN 80-251-1180-6. SNYDER, Chris, Thomas MYER a Michael SOUTHWELL. Pro PHP Security: From Application Security Principles to the Implementation of XSS Defenses. 2. United States of America: Apress, 2010. ISBN 978-1-4302-3318-3.

Course language:

Slovak language, knowledge of English language is only necessary for reading documentation.

Notes:

Content prerequisite: WBdi/15 Web and user interface design

Course assessment

Total number of assessed students: 34

abs	n	neabs	Z
76.47	23.53	0.0	0.0

Provides: PaedDr. Ján Guniš, PhD., univerzitný docent

Date of last modification: 08.01.2022

1. ECKEL, Bruce. Thinking in Java. Fourth edition. Upper Saddle River, NJ: Prentice Hall, c[2006]. ISBN 978-01-318-7248-6.

2. PECINOVSKÝ, Rudolf. OOP: naučte se myslet a programovat objektově. Brno: Computer Press, 2010. ISBN 978-80-251-2126-9.

3. SIERRA, Kathy a Bert BATES. Head first Java. Vyd. 2. Sebastopol: O'Reilly, 2005. ISBN 978-05-960-0920-5.

Course language:

Slovak language, english language is required only to read Java API documentation.

Notes:

Course assessment

Total number of assessed students: 897

А	В	С	D	Е	FX
16.05	8.7	11.71	18.28	14.05	31.22

Provides: RNDr. Juraj Šebej, PhD., RNDr. Miroslav Opiela, PhD., RNDr. Zoltán Szoplák, RNDr. Viktor Pristaš, doc. RNDr. Ondrej Krídlo, PhD., RNDr. Richard Staňa, Mgr. Viktor Olejár

Date of last modification: 04.01.2022

University: P.	J. Šafárik	University in Košice
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Faculty: Faculty of Arts

Course ID: ÚINF/	Course name: Programming, algorithms, and complexity
PAZ1b/15	

Course type, scope and the method:

Course type: Lecture / Practice

Recommended course-load (hours): Per week: 2 / 4 **Per study period:** 28 / 56

Course method: present

Number of ECTS credits: 7

Recommended semester/trimester of the course: 2.

Course level: I.

Prerequisities: ÚINF/PAZ1a/15

Conditions for course completion:

Graded activities during semester: assignments, small theoretical exams, practical and theoretical midterm.

Final examination: practical and theoretical finalterm.

Rules to pass the subject: Get at least 50% from theoretical activities (small exams, theoretical midterm and theoretical finalterm) and from practical activities (practical midterm and finalterm). Pass the defined limit of total points for all graded activities.

Learning outcomes:

To know essential algorithms, data structures, and methods used for efficient algorithms design. To understand time complexity analysis. To practice efficient implementation of algorithms. To recognize combinatorial and graph algorithms.

Brief outline of the course:

- 1. Recursion and fractals.
- 2. Binary search, basic sorting algorithms, time complexity analysis, O-notation.
- 3. Basic data structures and algorithms: linked list, stack, queue.
- 4. Trees and their applications.
- 5. Efficient sorting algorithms (QuickSort, MergeSort, HeapSort).
- 6. Backtracking.
- 7. Dynamic programming, divide and conquer strategy.
- 8. Unweighted graphs, graph traversal, graph topological sort.
- 9. Weighted graphs, the shortest path algorithms.
- 10. Minimum spanning tree, greedy algorithms.
- 11. Hashing, amortized time complexity, string-searching algorithms.

Recommended literature:

1. WRÓBLEWSKI, Piotr. Algoritmy: datové struktury a programovací techniky. Brno: Computer Press, 2004. ISBN 80-251-0343-9.

2. CORMEN, Thomas H. Introduction to algorithms. 3rd ed. Cambridge: MIT Press, c2009. ISBN 978-0-262-03384-8.

3. KLEINBERG, Jon a Éva TARDOS. Algorithm design. Thirteenth impression. Noida, India: Pearson, c2014. ISBN 9789332518643.

4. MAREŠ, Martin a Tomáš VALLA. Průvodce labyrintem algoritmů. Praha: CZ.NIC, z.s.p.o., 2017. CZ.NIC. ISBN 978-80-88168-19-5.

Course language:

Slovak language, literature is available in english and czech language.

Notes:

Course assessment

Total number of assessed students: 1356

А	В	С	D	Е	FX
14.97	7.82	10.62	18.88	20.65	27.06

Provides: RNDr. Juraj Šebej, PhD., RNDr. Miroslav Opiela, PhD., RNDr. Viktor Pristaš, doc. RNDr. Ondrej Krídlo, PhD.

Date of last modification: 04.01.2022

University: P. J	. Šafárik Univers	ity in Košice					
Faculty: Facult	y of Arts						
Course ID: KG PROJ/12	Course ID: KGER/ Course name: Project Seminar in Linguistics ROJ/12						
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present							
Number of EC	TS credits: 2						
Recommended	semester/trimes	ster of the cours	e: 1., 3., 5.				
Course level: I							
Prerequisities:							
Conditions for	course completi	on:					
Learning outco	omes:						
Brief outline of	f the course:						
Recommended	literature:						
Course langua	ge:						
Notes:							
Course assessn Total number o	nent f assessed studen	ts: 16					
А	В	С	D	Е	FX		
56.25	56.25 31.25 12.5 0.0 0.0 0.0						
Provides: Mgr. Alexandra Popovičová, PhD., prof. Dr. Jörg Meier, PhDr. PaedDr. Ján Markech, PhD., MBA							
Date of last mo	dification: 18.09	9.2024					
Approved: doc	Approved: doc. PaedDr. Ingrid Puchalová, PhD., prof. RNDr. Stanislav Krajči, PhD.						

University: P. J	. Šafárik Univers	ity in Košice						
Faculty: Facult	y of Arts							
Course ID: KG PROLK/12	ER/ Course na	Course name: Project Seminar in Literature and Culture						
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present								
Number of EC	TS credits: 2							
Recommended	semester/trimes	ster of the cours	e: 1., 3., 5.					
Course level: I.								
Prerequisities:								
Conditions for	course completi	on:						
Learning outco	omes:							
Brief outline of	the course:							
Recommended	literature:							
Course languag	ge:							
Notes:								
Course assessm Total number of	nent f assessed studen	ts: 61						
А	В	С	D	Е	FX			
32.79	34.43	14.75	9.84	4.92	3.28			
Provides: doc. PaedDr. Ingrid Puchalová, PhD., Mgr. Alexandra Popovičová, PhD., PhDr. PaedDr. Ján Markech, PhD., MBA								
Date of last modification: 12.07.2022								
Approved: doc.	Approved: doc. PaedDr. Ingrid Puchalová, PhD., prof. RNDr. Stanislav Krajči, PhD.							

University: P. J.	. Šafárik Univers	sity in Košice					
Faculty: Faculty	y of Arts						
Course ID: KG PROPR/22	Course ID: KGER/ Course name: Project Seminar in Translation PROPR/22						
Course type, sc Course type: F Recommended Per week: 2 Po Course metho	ope and the me Practice I course-load (h er study period: d: present	thod: ours): 28					
Number of EC	IS credits: 2						
Recommended	semester/trimes	ster of the cours	e: 2., 4., 6.				
Course level: I.							
Prerequisities:							
Conditions for	course completi	ion:					
Learning outco	mes:						
Brief outline of	the course:						
Recommended	literature:						
Course languag	ge:						
Notes:							
Course assessm Total number of	ent f assessed studen	its: 0					
А	В	С	D	Е	FX		
0.0	0.0 0.0 0.0 0.0 0.0 0.0						
Provides: Dr. rer. pol. Michaela Kováčová							
Date of last mo	dification: 06.10	0.2024					
Approved: doc.	PaedDr. Ingrid	Puchalová, PhD.,	prof. RNDr. Sta	nislav Krajči, Ph	D.		

University: P. J.	University: P. J. Šafárik University in Košice								
Faculty: Faculty	y of Arts								
Course ID: KPPaPZ/Ps/15	Course ID: Course name: Psychology KPPaPZ/Ps/15								
Course type, scope and the method: Course type: Lecture Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present									
Number of EC	FS credits: 2								
Recommended	semester/trimes	ster of the cours	e: 3.						
Course level: I.									
Prerequisities:									
Conditions for	course completi	on:							
Learning outco	mes:								
Brief outline of	the course:								
Recommended	literature:								
Course languag	ge:								
Notes:				_					
Course assessm Total number of	Course assessment Total number of assessed students: 870								
А	В	С	D	Е	FX				
37.47	37.47 21.15 15.98 12.41 11.26 1.72								
Provides: doc. Mgr. Gabriel Baník, PhD.									
Date of last mo	dification: 24.06	5.2022							
Approved: doc.	PaedDr. Ingrid	Puchalová, PhD.,	prof. RNDr. Star	nislav Krajči, Ph	Approved: doc. PaedDr. Ingrid Puchalová, PhD., prof. RNDr. Stanislav Krajči, PhD.				

University P I Šafá	rik University in Košice					
Course ID: KPPaPZ/PKŽ/15	Course name: Psychology of Everyday Life					
Course type, scope a Course type: Practic Recommended cour Per week: 2 Per stu Course method: pre	nd the method: ce rse-load (hours): dy period: 28 esent					
Number of ECTS cro	edits: 2					
Recommended seme	ster/trimester of the course: 3.					
Course level: I.						
Prerequisities:						
Conditions for cours The evaluation of the set requirements, whi ensure an objective a moral standards. The process or in the asse 1. Active participatio 2. Elaboration and pr points 20; minimum r 3. Elaboration of an e minimum number of The final evaluation (A 40b - 37b B 36b - 33b C 32b - 29b D 28b - 25b E 24b - 21b FX 20b - 0b Learning outcomes:	e completion: course and its subsequent completion will be based on clearly and objectively ch will be set in advance and will not change. The aim of the assessment is to nd fair mapping of the student's knowledge while adhering to all ethical and re is no tolerance for students' fraudulent behavior, whether in the teaching ssment process. n in seminars resentation of PPT presentation on the assigned topic. Maximum number of number of points 11. essay in the range of 4xA4 (standard pages). Maximum number of points 20; points 11. (grade) is the sum of points for the presentation and the essay.					
The student is able everyday situations st	to demonstrate an understanding of the individual's behavior in selected uch as conflict, group influence, empathy, helping, aggression, etc.					

The student is able to describe, explain and evaluate the psychological mechanisms that occur in everyday situations.

The student is able to apply basic psychological knowledge to himself (self-regulation) but also in interaction with others (cooperation).

The method of teaching the subject will be oriented to the student. Speakers will be interested in the needs, expectations and opinions of students so as to encourage them to think critically by expressing respect and feedback on their opinions and needs.

The content of the curriculum will be based on primary and high-quality sources that will reflect the topicality of the topics so as to ensure the connection of the curriculum with other subjects and also

the connection of the curriculum with practice. Students will be expected to take an active approach in lectures and seminars with an emphasis on their independence and responsibility.

Brief outline of the course:

How to understand human behavior (overview of basic approaches in psychology); Basic overview of cognitive processes; Learning processes and their use in practice; Social influences, prosocial and antisocial behavior; How human emotions and motivations work; Deciding - why and when we take risks; Childhood experiences and their relationship to adulthood; Abnormal behavior, mental disorders and therapeutic approaches

Recommended literature:

Course language:

Notes:

Course assessment

Total number of assessed students: 230

А	В	С	D	Е	FX
41.74	25.22	26.52	4.78	1.3	0.43

Provides: Mgr. Ondrej Kalina, PhD.

Date of last modification: 12.09.2024

University: P. J. Šafá	University: P. J. Šafárik University in Košice					
Faculty: Faculty of A	rts					
Course ID: KPPaPZ/RKS/14	Course name: Resolving C	Conflict Situations in Educational Practice				
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 2 Per study period: 14 / 28 Course method: present						
Number of ECTS cr	edits: 4					
Recommended seme	ster/trimester of the cours	e: 3., 5.				
Course level: I.						
Prerequisities:						
Conditions for cours	e completion:					
Learning outcomes:						
Brief outline of the c	ourse:					
Recommended litera	iture:					
Course language:						
Notes:						
Course assessment Total number of asses	Course assessment Total number of assessed students: 179					
	abs	n				
	94.41 5.59					
Provides: PhDr. Anna Janovská, PhD.						
Date of last modifica	Date of last modification: 27.05.2024					
Approved: doc. Paed	Dr. Ingrid Puchalová, PhD.,	prof. RNDr. Stanislav Krajči, PhD.				

University: P. J. Šafá	University: P. J. Šafárik University in Košice						
Faculty: Faculty of A	arts						
Course ID: ÚINF/ RPBI/20	Course ID: ÚINF/ RPBI/20Course name: Resolving computer security incidents						
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 3 Per study period: 42 Course method: present							
Number of ECTS cr	edits: 3						

Recommended semester/trimester of the course: 6.

Course level: I., II.

Prerequisities:

Conditions for course completion:

The condition for passing the course are homeworks (50% of the total number of points) and the final practical task (50% of the total number of points).

Learning outcomes:

The result of the education is an understanding of the basic approaches to solving computer security incidents from procedural and legal requirements to ways of identifying the security incident and the method of its technical solution.

Brief outline of the course:

1. Introduction to computer security incident hadling and response, 2. The process of handling and response to computer security incidents and computer security incident response teams, 3. Legal aspects of the computer security incidents handling, 4. Preparing for the security incidents handling and the first response, 5. Introduction to digital forensic analysis, 6. Incident handling and response to computer security incidents in the field of malware, 7. Incident handling and response to network security incidents I., 9. Incident handling and response to network security incidents I., 10. Incident handling and response to computer security incident security incidents in the field of web applications I., 11. Incident handling and response to cloud security incidents, 13. Incident handling and response to cloud security incidents, 14. Final assignment.

Recommended literature:

1. MURDOCH, Don. Blue Team Handbook: Incident Response Edition: A condensed field guide for the Cyber Security Incident Responder. South Carolina, United States: CreateSpace Independent Publishing Platform, 2014. ISBN 978-1500734756, 2. ANSON, Steve. Applied Incident Response. New York, United States: Wiley, 2020. ISBN 978-1119560265, 3. ROBERTS, Scott. Intelligence-Driven Incident Response: Outwitting the Adversary. Sebastopol, California, United States: O'Reilly Media, 2017. ISBN 978-1491934944.

Course language:

Slovak or English

Notes:

Content prerequisites: basic knowledge in the field of information security, basics of working with the Linux operating system, basic knowledge of computer networks.

Course assessment Total number of assessed students: 24							
A B C D E FX							
54.17	54.17 25.0 16.67 4.17 0.0 0.0						
Provides: doc.	Provides: doc. RNDr. JUDr. Pavol Sokol, PhD. et PhD., RNDr. Eva Marková						
Date of last modification: 26.09.2021							
Approved: doc	. PaedDr. Ingrid	Puchalová, PhD.,	prof. RNDr. Sta	nislav Krajči, Ph	D.		

University: P. J	. Šafárik Univers	ity in Košice					
Faculty: Facult	y of Arts						
Course ID: KP OLŠ/15	Course ID: KPE/ Course name: School Administration and Legislation						
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present							
Number of EC	I'S credits: 2						
Recommended	semester/trimes	ster of the cours	e: 3., 5.				
Course level: I.							
Prerequisities:							
Conditions for	course completi	on:					
Learning outco	Learning outcomes:						
Brief outline of	the course:						
Recommended	literature:						
Course languag	Course language:						
Notes:							
Course assessment Total number of assessed students: 325							
A B C D E FX							
45.23 29.85 14.46 6.46 3.38 0.62							
Provides: PaedDr. Michal Novocký, PhD.							
Date of last mo	Date of last modification: 14.09.2024						
Approved: doc. PaedDr. Ingrid Puchalová, PhD., prof. RNDr. Stanislav Krajči, PhD.							

University: P. J. Šafár	ik University in Košice				
Faculty: Faculty of Arts					
Course ID: ÚTVŠ/ ÚTVŠ/CM/13	Course name: Seaside Aerobic Exercise				
Course type, scope an Course type: Practic Recommended cour Per week: 2 Per stud Course method: pres	nd the method: e se-load (hours): ly period: 28 sent				
Number of ECTS cre	edits: 2				
Recommended semes	ster/trimester of the course: 2., 4., 6.				
Course level: I., II.					
Prerequisities:					
Conditions for course Completion: passed Condition for success - active participation i - effective performance	ful course completion: n line with the study rule of procedure and course guidelines ce of all tasks- aerobics, water exercise, yoga, Pilates and others				
Content standard: The student demonstra course syllabus and re Performance standard Upon completion of th - perform basic aerobi - conduct verbal and r - organise and manage	ates relevant knowledge and skills in the field, which content is defined in the commended literature. : ne course students are able to meet the performance standard and: ics steps and basics of health exercises, non-verbal communication with clients during exercise, e the process of physical recreation in leisure time				
Brief outline of the co Brief outline of the co I. Basic aerobics – low 2. Basics of aqua fitne 3. Basics of Pilates 4. Health exercises 5. Bodyweight exercise 6. Swimming 7. Relaxing yoga exer 8. Power yoga 9. Yoga relaxation 10. Final assessment Students can engage volleyball, football, ta	wirse: w impact aerobics, high impact aerobics, basic steps and cuing sss ses cises in different sport activities offered by the sea resort – swimming, rafting, ble tennis, tennis and other water sports in particular.				
Recommended litera 1. BUZKOVÁ, K. 20	t ure: 06. Fitness jóga. Praha: Grada. 167 s.				

 ŽECHOVSKÁ, I., MILEROVÁ, H., NOVOTNÁ, V. Aqua-fitness. Praha: Grada. 136 s. EVANS, M., HUDSON, J., TUCKER, P. 2001. Umění harmonie: meditace, jóga, tai-či, strečink. 192 s. JARKOVSKÁ, H., JARKOVSKÁ, M. 2005. Posilováni s vlastním tělem 417 krát jinak. Praha: Grada. 209 s. KOVAŘÍKOVÁ, K. 2017. Aerobik a fitness. Karolium, 130 s. 					
Course language: Slovak language	Course language: Slovak language				
Notes:					
Course assessment Total number of assessed students: 62	Course assessment Total number of assessed students: 62				
abs	n				
9.68 90.32					
Provides: Mgr. Agata Dorota Horbacz, PhD.					
Date of last modification: 29.03.2022					
Approved: doc. PaedDr. Ingrid Puchalová, PhD., prof. RNDr. Stanislav Krajči, PhD.					

University: P. J.	. Šafárik Univers	ity in Košice						
Faculty: Faculty	y of Arts							
Course ID: KF/ VKFV/07	Course ID: KF/ /KFV/07Course name: Selected Topics in Philosophy of Education (General Introduction)							
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present								
Number of EC	FS credits: 2							
Recommended	semester/trimes	ster of the cours	e: 3., 5.					
Course level: I.								
Prerequisities:								
Conditions for	Conditions for course completion:							
Learning outco	Learning outcomes:							
Brief outline of	the course:							
Recommended literature:								
Course languag	ge:							
Notes:								
Course assessment Total number of assessed students: 33								
А	A B C D E FX							
66.67 18.18 12.12 3.03 0.0 0.0								
Provides: PhDr. Dušan Hruška, PhD.								
Date of last modification: 13.04.2022								
Approved: doc. PaedDr. Ingrid Puchalová, PhD., prof. RNDr. Stanislav Krajči, PhD.								

University: P. J. Šafár	University: P. J. Šafárik University in Košice				
Faculty: Faculty of A	Faculty: Faculty of Arts				
Course ID: KPPaPZ/ECo-C2/14	Course name: Self Marketing ECo-C2				
Course type, scope an Course type: Practic Recommended cour Per week: 2 Per stud Course method: pres	nd the method: e se-load (hours): dy period: 28 sent				
Number of ECTS cre	edits: 4				
Recommended semes	ster/trimester of the course: 4., 6.				
Course level: I.					
Prerequisities:					
Conditions for course 1. Active participation according to the teach Detailed information subject will be realize	e completion: in in lessons (absence is allowed max. 90 min.), 2. Realization of assignments er's instructions. in the electronic bulletin board of the course in AIS2. The teaching of the d by a combined method.				
Learning outcomes: The student is able to knows the possibilitie knowledge and princi competencies, his / he knowledge and social life, which will also in	to understand and explain the basic assumptions of good self-marketing, s for the correct presentation of his own person and understands the related ples of personal and communication area. He / she can understand his / her er goals, how to make his / her strengths visible and he / she can apply this and professional skills in the personal and professional sphere of his / her nprove his / her employment opportunities.				
Brief outline of the co What is marketing? (N Basics of self-marketi Me and my influence me? Ability to defend options do I have?), Competence (Have yo at work), Draw attention to yo successfully).	Marketing - Mix) ng (Personal opinion is crucial, Goal setting, Proper use of opportunity) (What can I offer? What does he / she have unlike me? How do others see one's own opinion, Think positively!, I know how to explore myself - what our own opinion, How to withstand criticism, Be a team player, Competence purself (Voice and word selection, Active in meetings, Present yourself				
Recommended literat VÝROST, Jozef - SLA GRADA, 2008. 408 s VÝROST, Jozef - SLA instituce. 1. vyd. Prah KOMÁRKOVÁ, Růž psychologie III : Socia	ture: AMĚNÍK, Ivan. Sociální psychologie. 2., přepr. a rozš. vyd. Praha : AMĚNÍK, Ivan. Aplikovaná sociální psychologie I : Člověk a sociální a : Portál, 1998. 384 s. ISBN 80-7178-269-6. ena - SLAMĚNÍK, Ivan - VÝROST, Jozef. Aplikovaná sociální álněpsychologický výcvik. 1. vyd. Praha : Grada Publishing, 2001. 224 s.				

VÝROST, Jozef - SLAMĚNÍK, Ivan. Aplikovaná sociální psychologie II. 1. vyd. Praha : Grada Publishing, 2001. 260 s.

Course language: slovak				
Notes: After passing the certification exams from all 4 modules (Teamwork, Selfmarketing, Conflict Management, Communication) the student will receive an ECo-C card and an ECo-C certificate.				
Course assessment Total number of assessed students: 171				
abs	n			
90.64	9.36			
Provides: Mgr. Ondrej Kalina, PhD.				
Date of last modification: 12.09.2024				

University: P. J. Šafá	rik University in Košice				
Faculty: Faculty of Arts					
Course ID: ÚINF/ SZPX/22	Course name: Seminar for bachelor thesis for XIb				
Course type, scope a Course type: Practi- Recommended cou Per week: 1 Per stu Course method: pre	and the method: ce rse-load (hours): idy period: 14 esent				
Number of ECTS cr	edits: 1				
Recommended seme	ster/trimester of the course: 5.				
Course level: I.					
Prerequisities:					
Conditions for course Conditions for ongoin 1. Analysis of selected 2. Analysis of selected 3. Analysis of selected 3. Analysis of selected science festivals, exp Conditions for the fin 1. Creation of the back 2. Creation of an over Conditions for success Fulfillment of all ong	a completion: ng evaluation: ed types of educational/assistance software. ed types of teaching aids (2D/3D/digital, educational kits). ted types of non-formal computer education (competitions, circles, camps, herience centres). hal evaluation: chelor thesis assignment (title, objectives, literature, supervisor). rview of the current state of the studied issue. ssful completion of the course: going and final assignments.				
Learning outcomes: The student will get assistive software, ter and life cycle). The student actively conference proceedin The student will creat topic of the bachelor	an idea of the bachelor thesis focused on the creation of educational and aching aids for formal and informal informatics education (its types, structure uses educational information resources (publication databases, journals and ngs, educational projects). te an overview of the current state of teaching of issues related to the selected thesis.				

Brief outline of the course:

1. Bachelor theses focused on the creation of educational and assistive software, teaching aids for formal and informal informatics education (types of work, structure of work, life cycle of work)

2. Analysis of selected bachelor theses from CRZP.

3. Overview of information resources (available publication databases, journals and conference proceedings, educational projects).

4. Educational and assistive software development (life cycle, development environments, examples of educational and assistive software).

5. Types of teaching aids (2D/3D/digital, educational kits).

6. Specifics of formal and informal informatics education (competitions, clubs, camps, science festivals, experience centres).

Recommended literature:

CENTRUM VEDECKO-TECHNICKÝCH INFORMÁCIÍ SR. Centrálny register záverečných a kvalifikačných prác [online]. [cited 2022-1-31]. Available from: https://cms.crzp.sk/

Informatics in Education. Vilnius University Institute of Data Science and Digital Technologies. ISSN 2335-8971 (online). Also available from: https://infedu.vu.lt/journal/INFEDU

COMPUTER SCIENCE TEACHERS ASSOCIATION. Home Page Computer Science Teachers Association [online]. [cited 2022-1-31]. Available from: https://www.csteachers.org/

ASSOCIATION FOR COMPUTING MACHINERY. The ACM Digital Library [online]. [cited 2022-1-31]. Available from: https://dl.acm.org/

SPRINGER NATURE SWITZERLAND AG. Home - Springer [online]. [cited 2022-1-31]. Available from: https://link.springer.com/

UNIVERZITA MATEJA BELA V BANSKEJ BYSTRICI, TECHNICKÁ UNIVERZITA V LIBERCI, 2021. Zborníky medzinárodnej konferencie DidInfo (od roku 2011) [online]. [cited 2022-1-31]. Available from: http://www.didinfo.net/predchozi-rocniky (or http:// www.didinfo.net/minule-rocniky)

Course language:

Slovak and partly English due to selected information sources

Notes:

By default, teaching is carried out face to face. If this is not possible (eg due to a pandemic), teaching is provided at a distance through video conferencing programs and LMS.

Course assessment

Total number of assessed students: 0

abs	n
0.0	0.0

Provides: doc. RNDr. Ľubomír Šnajder, PhD.

Date of last modification: 10.02.2022

University: P. J. Saf	árik University in Košice
Faculty: Faculty of	Arts
Course ID: KPO/ SPKVV/15	Course name: Social and Political Context of Education
Course type, scope Course type: Lectu Recommended cou Per week: 2 Per st Course method: pr	and the method: ire irse-load (hours): udy period: 28 resent
Number of ECTS c	redits: 2
Recommended sem	ester/trimester of the course: 4., 6.
Course level: I.	
Prerequisities:	
Conditions for cour Evaluation of the de A 100,00% - 91,0 B 90,99% - 81,00 C 80,99% - 71,00 D 70,99% - 61,00 E 60,99% - 51,00 FX 50,99% and le	se completion: veloped assignment. 0% % % % %
Learning outcomes The aim and purpos issues of education a	e of teaching the subject is to impart knowledge and promote reflection on the and training in the context of social and political change.

Development of knowledge: the student will be able to know the current theoretical background related to the process of education and training in a modern democratic society.

The student will be able to navigate the social and political space - politically, legally, socially and culturally. He/she will be able to look for alternatives and solutions to dysfunctions, while at the same time exploiting opportunities and ways to implement them.

Brief outline of the course:

The status, role and functions of education in human life and society. The political, social and economic objectives of education. Education, learning and social change in the context of globalisation. Macrosocial determinants of education. Current roles of education and training in modern performance and democratic society.

Recommended literature:

Domestic and foreign journal literature

Kudláčová, B.(2007) Človek a výchova v dejinách európskeho myslenia. Trnava: PdF TU Zeus Leonardo (2010) Handbook of Cultural Politics and Education. Rotterdam, The Netherlands.

Course language:

Slovak

Notes:

Course assessment								
Total number o	f assessed studen	ts: 201						
А	A B C D E FX							
60.7	20.9	10.95	4.48	1.49	1.49			
Provides: Mgr. Ján Ruman, PhD.								
Date of last modification: 13.04.2022								
Approved: doc. PaedDr. Ingrid Puchalová, PhD., prof. RNDr. Stanislav Krajči, PhD.								

University: P. J. Šafá	University: P. J. Šafárik University in Košice						
Faculty: Faculty of Arts							
Course ID: ÚINF/ SWI1a/15	Course name: Software engineering						
Course type, scope a Course type: Practic Recommended cour Per week: 2 Per stu Course method: pre	Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present						
Number of ECTS cr	edits: 2						
Recommended seme	ster/trimester of the course: 4.						
Course level: I.							
Prerequisities: ÚINF	/DBS1a/15						
Conditions for cours The evaluation will be the (group) project of obtaining 50% of the are published in the A	e completion: be given on the basis of the proper fulfilment of the partial tasks of solving during the semester. The minimum prerequisite for passing the subject is total possible number of points. The sub-probation conditions for evaluation AIS.						
 By completing the subject, the student: acquires basic knowledge of the principles and methods of software engineering, get familiar with the individual stages of the software development life cycle, familiarizes himself with the modeling of software systems and acquires basic knowledge from the use of relevant SW tools, will gain basic experience in working in a team and with project management and presentation 							
 Brief outline of the course: 1. Introduction to software engineering. 2. Software processes 3. Selected support tools for managing software processes. 4. Requirements engineering. 5. Agile methods. 6. Modeling of systems. 7. Implementation of software systems. 8. Architectures of software systems. 9. Testing. 10. Evolution of systems. 11. Case studies of software systems. 8. Architectures of software systems. 9. Testing. 10. Evolution of systems. 11. Case studies of software systems. 8. Architectures of software systems. 11. Case studies of software systems. 12. BERKUN, S. The Art Of Project Management. O Reilly, 2005. 2. BJORNER, D. Software engineering 1,2,3. Springer-Verlag Berlin, 2006. 							
2. BJORNER, D. Sof 3. SOMMERVILLE, Course language:	tware engineering 1,2,3. Springer-Verlag Berlin, 2006. I. Software Engineering. Addison-Wesley, 2015.						

Slovak or English							
Notes: Content prerequisities: Database systems, OOP							
Course assessment Total number of assessed students: 372							
А	В	B C D E FX					
19.09	19.09 24.46 19.62 16.94 18.55 1.34						
Provides: prof. RNDr. Gabriel Semanišin, PhD., RNDr. Dávid Varga							
Date of last modification: 25.07.2022							
Approved: doc. PaedDr. Ingrid Puchalová, PhD., prof. RNDr. Stanislav Krajči, PhD.							

University: P. J. Šafárik University in Košice			
Faculty: Faculty of Arts			
Course ID: ÚINF/ SZPa/22	Course name: Special seminar to bachelor thesis		
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 1 Per study period: 14 Course method: present			
Number of ECTS cr	edits: 1		
Recommended semester/trimester of the course: 5.			
Course level: I.			
Prerequisities:			
Conditions for course completion: Update of the bachelor thesis website. Presentation of the current state of knowledge for the topic selected in the bachelor's thesis. Presentation of the first results of bachelor thesis. Preparing of scientific article of 5 pages length in the required structure. Approval of the article by the thesis supervisor.			
Learning outcomes: Basic knowledge abo aspects of the bachelo creating the database of the current state of preparation of a scient	but the procedure and writing of the bachelor's thesis, standards and formal or's thesis, the creation of bibliographic references and their citations, tools for of used literature. Basic knowledge of the content and form of presentation of knowledge for the topic of the bachelor's thesis. Basic knowledge about the ntific article.		
 Brief outline of the course: 1. Procedure for writing the bachelor thesis. 2. Standards and formal aspects of the bachelor thesis. 3. Rules of writing and editing documents STN 01 6910. 4. Documentation, Numbering of sections and subsections of written documents STN ISO 2145. 5. Information and documentation STN ISO 690. 6. Instructions for creating bibliographic references to information sources and their citation. 7. Selected typographic principles. 8. Professional resources on the Internet. 9. Principles of correct citation. 10. Tools for creating your own database of used literature. 11. Annotation of read literature, creation of searches. 12. Presentation of selected topics of bachelor theses. 13. Presentation of selected topics of bachelor theses. 			
Recommended litera 1. STN 01 6910. Rule 2. STN ISO 2145. Do 1997.	ture: es of writing and editing documents. 2011. ocumentation. Numbering of sections and subsections of written documents.		

3. STN ISO 690. Information and documentation. Instructions for creating bibliographic references to information sources and their citation. 2012

4. KATUŠČÁK, Dušan. How to write final and qualification theses. Enigma, 2013

5. Scientific literature related to the topic of the final thesis according to the recommendation of the thesis supervisor.

Course language: Slovak or English				
Notes:				
Course assessment Total number of assessed students: 193				
abs	n	neabs		
98.96	1.04	0.0		
Provides: doc. RNDr. Ľubomír Antoni, PhD.				
Date of last modification: 08.01.2022				
Approved: doc. PaedDr. Ingrid Puchalová, PhD., prof. RNDr. Stanislav Krajči, PhD.				

University P I Šafárik University in Košice			
Faculty: Faculty of Arts			
Course ID: ÚINF/ SZPb/22	Course name: Special seminar to bachelor thesis		
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 1 Per study period: 14 Course method: present			
Number of ECTS cr	edits: 1		
Recommended semester/trimester of the course: 6.			
Course level: I.			
Prerequisities:			
Conditions for course completion: Update of the bachelor thesis website. Presentation of the obtained results of the bachelor's thesis. Preparation of at least a 10-page scientific article for the topic chosen in the bachelor's thesis in the required structure and its approval by the thesis supervisor. Creating a promotional image (poster) about the results of the bachelor's thesis.			
Learning outcomes: Basic knowledge of the central register of final theses, licenses and copyrights, content and form of presentation of the overall results achieved in the bachelor's thesis. Basic knowledge about the preparation of a scientific article and presentation of the achieved results for popularization purposes.			
Brief outline of the c	ourse:		
 Central register of final theses. Licenses and Copyrights. Directive on basic requirements for final theses at UPJŠ in Košice. The most common mistakes in writing a final thesis. Evaluation criteria and examples of assessments. Preparation of a presentation for the defense of the final thesis. Preparation of a scientific article. Preparation of a presentation for the defense of the final thesis. Preparation of a scientific article. 			
13. Presentations of bachelor thesis results.			
 Recommended literature: 1. STN 01 6910. Rules of writing and editing documents. 2011. 2. STN ISO 2145. Documentation. Numbering of sections and subsections of written documents. 1997. 3. STN ISO 690. Information and documentation. Instructions for creating bibliographic references to information sources and their citation. 2012 			
4. KATUŠČÁK, Dušan. How to write final and qualification theses. Enigma, 2013

5. Scientific literature related to the topic of the final thesis according to the recommendation of the thesis supervisor.

Course language:

Slovak or English

Notes:

Course assessment

Total number of assessed students: 169

abs	n	neabs
98.82	1.18	0.0

Provides: doc. RNDr. L'ubomír Antoni, PhD.

Date of last modification: 08.01.2022

University: P. J. Šafáril	k University in Košice
Faculty: Faculty of Art	s
Course ID: ÚTVŠ/ TVa/11	Course name: Sports Activities I.
Course type, scope and Course type: Practice Recommended cours Per week: 2 Per study Course method: press	d the method: e-load (hours): y period: 28 ent
Number of ECTS cred	lits: 2
Recommended semest	er/trimester of the course: 1., 3., 5.
Course level: I., II.	
Prerequisities:	
Conditions for course Min. 80% of active par	completion: ticipation in classes.
Learning outcomes: Sports activities in all the They have a great imp enables students to straimprove.	neir forms prepare university students for their professional and personal life. act on physical fitness and performance. Specialization in sports activities rengthen their relationship towards the selected sport in which they also
Brief outline of the cou Brief outline of the cou The Institute of physica activities aerobics; aiki yoga, power yoga, pila tennis, chess, volleybal Additionally, the Instit offers winter courses (the Tisza River) with a participation.	urse: al education and sport at the Pavol Jozef Šafárik University offers 20 sports do, basketball, badminton, body-balance, body form, bouldering, floorball, ates, swimming, fitness, indoor football, SM system, step aerobics, table ll, tabata, cycling. ute of physical education and sport at the Pavol Jozef Šafárik University ski course, survival) and summer courses (aerobics by the sea, rafting on n attractive programme, sports competitions with national and international
Recommended literatu BENCE, M. et al. 2005 [online] Dostupné na: I BUZKOVÁ, K. 2006. 8024715252. JARKOVSKÁ, H, JAF Grada. ISBN 97880247 KAČÁNI, L. 2002. Fut 8089197027. KRESTA, J. 2009. Fut LAWRENCE, G. 2019 SNER, Wolfgang. 2004	 Are: S. Plávanie. Banská Bystrica: FHV UMB. 198s. ISBN 80-8083-140-8. https://www.ff.umb.sk/app/cmsFile.php?disposition=a&ID=571 Fitness jóga, harmonické cvičení těla I duše. Praha: Grada. ISBN RKOVSKÁ, M. 2005. Posilování s vlastním tělem 417 krát jinak. Praha: 757308. tbal:Tréning hrou. Bratislava: Peter Mačura – PEEM. 278s. ISBN sal.Praha: Grada Publishing, a.s. 112s. ISBN 9788024725345. Power jóga nejen pro sportovce. Brno: CPress. ISBN 9788026427902. Posilování ve fitness. České Budějovice: Kopp. ISBN 8072322141.

STACKEOVÁ, D. 2014. Fitness programy z pohledu kinantropologie. Praha: Galén. ISBN 9788074921155.

VOMÁČKO, S. BOŠTÍKOVÁ, S. 2003. Lezení na umělých stěnách. Praha: Grada. 129s. ISBN 8024721743.

Course language:

Slovak language

Notes:

Course assessment

Total number of assessed students: 15203

abs	abs-A	abs-B	abs-C	abs-D	abs-E	n	neabs
86.07	0.07	0.0	0.0	0.0	0.05	8.67	5.15

Provides: Mgr. Patrik Berta, Mgr. Agata Dorota Horbacz, PhD., Mgr. Dávid Kaško, PhD., Mgr. Ladislav Kručanica, PhD., Mgr. Richard Melichar, Mgr. Petra Tomková, PhD., Mgr. Marcel Čurgali, Mgr. Alena Buková, PhD., univerzitná docentka, doc. PaedDr. Ivan Uher, MPH, PhD., prof. RNDr. Stanislav Vokál, DrSc., Mgr. Zuzana Küchelová, PhD.

Date of last modification: 07.02.2024

University: P. J. Šafá	rik University in Košice
Faculty: Faculty of A	Arts
Course ID: ÚTVŠ/ TVb/11	Course name: Sports Activities II.
Course type, scope a Course type: Practic Recommended cour Per week: 2 Per stu Course method: pre	and the method: ce rse-load (hours): ady period: 28 esent
Number of ECTS cr	edits: 2
Recommended seme	ster/trimester of the course: 2., 4., 6.
Course level: I., II.	
Prerequisities:	
Conditions for cours active participation in	se completion: n classes - min. 80%.
Learning outcomes: Sports activities in all They have a great im enables students to s improve.	their forms prepare university students for their professional and personal life. pact on physical fitness and performance. Specialization in sports activities strengthen their relationship towards the selected sport in which they also
Brief outline of the c Brief outline of the c The Institute of physi activities aerobics; ai yoga, power yoga, p tennis, chess, volleyb Additionally, the Ins offers winter courses the Tisza River) with participation.	course: ourse: ical education and sport at the Pavol Jozef Šafárik University offers 20 sports kido, basketball, badminton, body-balance, body form, bouldering, floorball, bilates, swimming, fitness, indoor football, SM system, step aerobics, table ball, tabata, cycling. titute of physical education and sport at the Pavol Jozef Šafárik University s (ski course, survival) and summer courses (aerobics by the sea, rafting on an attractive programme, sports competitions with national and international
Recommended litera BENCE, M. et al. 20 [online] Dostupné na BUZKOVÁ, K. 2006 8024715252. JARKOVSKÁ, H, JA Grada. ISBN 978802 KAČÁNI, L. 2002. F 8089197027. KRESTA, J. 2009. Fu LAWRENCE, G. 201 SNER, Wolfgang. 20	 Ature: 05. Plávanie. Banská Bystrica: FHV UMB. 198s. ISBN 80-8083-140-8. https://www.ff.umb.sk/app/cmsFile.php?disposition=a&ID=571 6. Fitness jóga, harmonické cvičení těla I duše. Praha: Grada. ISBN ARKOVSKÁ, M. 2005. Posilování s vlastním tělem 417 krát jinak. Praha: 4757308. Futbal:Tréning hrou. Bratislava: Peter Mačura – PEEM. 278s. ISBN utsal.Praha: Grada Publishing, a.s. 112s. ISBN 9788024725345. 19. Power jóga nejen pro sportovce. Brno: CPress. ISBN 9788026427902. 04. Posilování ve fitness. České Budějovice: Kopp. ISBN 8072322141.

STACKEOVÁ, D. 2014. Fitness programy z pohledu kinantropologie. Praha: Galén. ISBN 9788074921155.

VOMÁČKO, S. BOŠTÍKOVÁ, S. 2003. Lezení na umělých stěnách. Praha: Grada. 129s. ISBN 8024721743.

Course language:

Slovak language

Notes:

Course assessment

Total number of assessed students: 13788

abs	abs-A	abs-B	abs-C	abs-D	abs-E	n	neabs
83.84	0.49	0.01	0.0	0.0	0.04	11.18	4.43

Provides: Mgr. Agata Dorota Horbacz, PhD., Mgr. Dávid Kaško, PhD., Mgr. Marcel Čurgali, Mgr. Patrik Berta, Mgr. Ladislav Kručanica, PhD., Mgr. Richard Melichar, Mgr. Petra Tomková, PhD., Mgr. Alena Buková, PhD., univerzitná docentka, doc. PaedDr. Ivan Uher, MPH, PhD., prof. RNDr. Stanislav Vokál, DrSc., Mgr. Zuzana Küchelová, PhD.

Date of last modification: 07.02.2024

University: P. J. Šafá	rik University in Košice
Faculty: Faculty of A	rts
Course ID: ÚINF/ SXM1/15	Course name: Structure formats and representation of data
Course type, scope a Course type: Practic Recommended cour Per week: 2 Per stu Course method: pre	nd the method: ce rse-load (hours): dy period: 28 esent
Number of ECTS cr	edits: 2
Recommended seme	ster/trimester of the course: 5.
Course level: I.	
Prerequisities:	
Conditions for cours Evaluation of partial Evaluation of multipl Final written test.	e completion: exercises. e assignments corresponding to learning blocks.
Learning outcomes: Become acknowledge semistructured data.	ged with theoretical concepts and methodologies with structured and Acquire programming skills with implementations of these concepts.
 Brief outline of the c 1. Representation of s 2. XML parsers: DOI 3. SAX parser. 4 StAX parser. 4 StAX parser. 5. Java API of XML 7. Schemas for XML 8. Addressing in XM 9. Transformations of 10. Other formats for 11. API for data bind 	ourse: semi-structured data in XML, valid and well-formed XML document. M, parsers. documents: DTD, XML Schema. L: XPath. f XML documents: XSLT. semistructured data: JSON, YAML. ing in Java: Jackson (JSON), SnakeYAML (YAML), JAXB (XML).
Recommended litera 1. Eliotte "Rusty" Ha 2. Grigoris Antoniou 2008. ISBN 978-026 3. Michaek Kay. XSI 978-076456909.	nture: rold. XML Bible, Gold Edition. Wiley, 2001. ISBN 978-0764548192. , Frank Van Harmelen. A Semantic Web Primer, Second Edition. MIT Press, 2012423. JT 2.0 Programmer's Reference, 3rd Edition. Wrox, 2004. ISBN:
Course language: Slovak or English	
Notes:	

Course assessment Total number of assessed students: 104					
ABCDEFX					FX
43.27	20.19	18.27	9.62	7.69	0.96
Provides: RND	Provides: RNDr. Zoltán Szoplák				
Date of last modification: 23.11.2021					
Approved: doc. PaedDr. Ingrid Puchalová, PhD., prof. RNDr. Stanislav Krajči, PhD.					

·							
University: P. J. Šafár	ik University in Košice						
Faculty: Faculty of A	Faculty: Faculty of Arts						
Course ID: ÚFV/ DGS/21	Course name: Students' Digital Literacy						
Course type, scope an Course type: Practic Recommended cour Per week: 2 Per stud Course method: pres	ad the method: e se-load (hours): ly period: 28 sent						
Number of ECTS cre	dits: 2						
Recommended semes	ter/trimester of the course: 1.						
Course level: I.							
Prerequisities:							
Conditions for course Summary evaluation b 1. Practical ongoing a 3. Active participatio absences allowed) ar assignments)	e completion: based on ongoing assessment: ssignments and their defense (at least 50% needed) n during face-to-face contact learning in classical or virtual classroom (3 ad during online learning (no absence, uploading all individual ongoing						
Learning outcomes: The student should ob digital technologies (r 1. according to the cur 2. for better and more learning and further ca	tain and know to apply basic knowledge and skills in working with current nobile phone, tablet, laptop, web technologies): rent European framework for the Digital competence DigComp and ECDL e effective learning, work and active life in higher education, later lifelong areer prospects.						
Brief outline of the co 0102. Basic digital s - modern web browset - security, privacy, res 0305. Search, collect - scanning, audio reco - digital notebooks (G - evaluation of digital 0608. Editing and cr - cloud and interactive (text and spreadsheet - work with pdf docur (Kami, Google books, 09 10. Organization - modern LMS and clo (Google Classroom, M - time management (C 1113. Digital commu	wirse: kills, DigComp framework, ECDL and its personalization ponsible use of DT tion and evaluation of digital content rding and speech resolution, optical resolution (OCR) oogle keep, Evernote, Onenote) resources (Google forms and sections) eating digital content e documents editors - Google, Microsoft, Jupyter) nents, e-books and videos Screencasting) , protection and sharing of digital content bud storage Microsoft team, Google Drive, Dropbox) Google Calendar) unication and cooperation						

- collaborative interactive whiteboards (Jamboard, Whiteboard)

- online presentations and online meetings

(Google presentations, Powerpoint, Google meet, Microsoft teams)

Recommended literature:

1. Carretero Gomez, S., Vuorikari, R. and Punie, Y., DigComp 2.1: The Digital Competence Framework for Citizens with eight proficiency levels and examples of use, Luxembourg, 2017, ISBN 978-92-79-68006-9, https://www.ecdl.sk/

2. Bruff, D. (2019). Intentional Tech: Principles to Guide the Use of Educational Technology in College Teaching (1st edition). Morgantown: West Virginia University Press.

3. Baker, Y. (2020). Microsoft Teams for Education. Amazon Digital Services.

4. Miller, H. (2021). Google Classroom + Google Apps: 2021 Edition. Brentford: Orion Edition Limited.

Course language:

slovak

Notes:

Notes:					
Course assessment Total number of assessed students: 163					
А	В	С	D	Е	FX
69.33	4.29	4.29	0.0	22.09	0.0
Provides: doc.]	Provides: doc. RNDr. Jozef Hanč, PhD.				
Date of last modification: 26.01.2022					
Approved: doc	Approved: doc. PaedDr. Ingrid Puchalová, PhD., prof. RNDr. Stanislav Krajči, PhD.				

University: P. J. S	Šafárik Univers	ity in Košice			
Faculty: Faculty	Faculty: Faculty of Arts				
Course ID: KGE ŠTL/12	ER/ Course name: Stylistics and Text Linguistics				
Course type, sco Course type: Le Recommended Per week: 1 / 1 Course method:	Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 1 Per study period: 14 / 14 Course method: present				
Number of ECT	S credits: 3	4 641	5		
Recommended so	emester/trimes	ster of the cours	e: 5.		
Course level: 1.					
Prerequisities:					
Conditions for co	ourse completi	on:			
Learning outcom	nes:				
Brief outline of t	he course:				
Recommended li	terature:				
Course language	•				
Notes:					
Course assessment Total number of assessed students: 78					
A	В	С	D	Е	FX
5.13	5.13 41.03 30.77 21.79 1.28 0.0				
Provides: Dr. rer. pol. Michaela Kováčová, prof. Dr. Jörg Meier					
Date of last modification: 12.07.2022					
Approved: doc. F	PaedDr. Ingrid 1	Puchalová, PhD.,	prof. RNDr. Star	nislav Krajči, Ph	D.

University: P. J. Šafárik University in Košice							
Faculty: Faculty of A	Faculty: Faculty of Arts						
Course ID: ÚTVŠ/ LKSp/13	Course name: Summer Course-Rafting of TISA River						
Course type, scope a Course type: Practic Recommended cour Per week: 2 Per stu Course method: pre	nd the method: xe rse-load (hours): dy period: 28 esent						
Number of ECTS cr	edits: 2						
Recommended seme	ster/trimester of the course: 2., 4., 6.						
Course level: I., II.							
Prerequisities:							
Conditions for cours Completion: passed Condition for success - active participation - effective performance paddling	e completion: ful course completion: in line with the study rule of procedure and course guidelines ce of all tasks: carrying a canoe, entering and exiting a canoe, righting a canoe,						
Learning outcomes: Content standard: The student demonstricourse syllabus and r Performance standard Upon completion of t - implement the acqui - implement basic ski - determine the right - prepare a suitable m	ates relevant knowledge and skills in the field, which content is defined in the ecommended literature. I: he course students are able to meet the performance standard and: ired knowledge in different situations and practice, Ils to manipulate a canoe on a waterway, spot for camping, aterial and equipment for camping.						
 Brief outline of the c Brief outline of the c Brief outline of the c 1. Assessment of diff 2. Safety rules for raf 3. Setting up a crew 4. Practical skills trai 5. Canoe lifting and c 6. Putting the canoe i 7. Getting in the canoe 8. Exiting the canoe o 9. Taking the canoe o 10. Steering a) The pry stroke (on b) The draw stroke 	ourse: Durse: iculty of waterways ting ning using an empty canoe arrying n the water without a shore contact re ut of the water fast waterways)						

12. Commands

Recommended literature:

1. JUNGER, J. et al. Turistika a športy v prírode. Prešov: FHPV PU v Prešove. 2002. ISBN 8080680973.

Internetové zdroje:

1. STEJSKAL, T. Vodná turistika. Prešov: PU v Prešove. 1999.

Dostupné na: https://ulozto.sk/tamhle/UkyxQ2IYF8qh/name/Nahrane-7-5-2021-v-14-46-39#! ZGDjBGR2AQtkAzVkAzLkLJWuLwWxZ2ukBRLjnGqSomICMmOyZN==

Course language:

Slovak language

Notes:

Course assessment

Total number of assessed students: 232

abs	n
36.64	63.36

Provides: Mgr. Dávid Kaško, PhD.

Date of last modification: 29.03.2022

University: P. J. Šafár	ik University in Košice
Faculty: Faculty of A	rts
Course ID: ÚTVŠ/ KP/12	Course name: Survival Course
Course type, scope an Course type: Practic Recommended cour Per week: 2 Per stud Course method: pres	ad the method: e se-load (hours): ly period: 28 sent
Number of ECTS cre	dits: 2
Recommended semes	ter/trimester of the course: 2., 4., 6.
Course level: I., II.	
Prerequisities:	
Conditions for course Completion: passed Condition for success: - active participation i - effective performanc Learning outcomes: Content standard: The student demonstra course syllabus and re Performance standard Upon completion of th - acquire knowledge a - obtain theoretical kn connected with surviv - be able to resist an environment, - be able implement	completion: ful course completion: n line with the study rule of procedure and course guidelines, e of all the tasks defined in the course syllabus tes relevant knowledge and skills in the field, which content is defined in the commended literature. te course students are able to meet the performance standard and should: bout safe stay and movement in natural environment, owledge and practical skills to solve extraordinary and demanding situations al and minimization of damage to health, d face situations related to overcoming barriers and obstacles in natural
Brief outline of the co Brief outline of the co 1. Principles of condu 2. Preparation and gui 3. Objective and subje 4. Principles of hygier 5. Fire building 6. Movement in the un 7. Shelters 8. Food preparation ar 9. Rappelling, Tyrolia 10. Transport of an inj	Purse: urse: ct and safety in the movement in unfamiliar natural environment dance of a hike tour octive danger in the mountains he and prevention of damage to health in extreme conditions infamiliar terrain, orientation and navigation and water filtering in traverse jured person, first aid

Recommended literature:

1. JUNGER, J. et al. Turistika a športy v prírode. Prešov: Fakulta humanitných a prírodných vied PU v Prešove. 2002. 267s. ISBN 80-8068-097-3.

n

54.03

PAVLÍČEK, J. Člověk v drsné přírodě. 3. vyd. Praha: Práh. 2002. ISBN 8072520598.
 WISEMAN, J. SAS: příručka jak přežít. Praha: Svojtka & Co. 2004. 566s. ISBN 8072372807.

Course language:

Slovak language

Notes:

Course assessment

Total number of assessed students: 459

abs 45.97

Provides: Mgr. Ladislav Kručanica, PhD.

Date of last modification: 16.05.2023

University: P. J. Šafán	rik University in Košice
Faculty: Faculty of A	rts
Course ID: ÚINF/ SLO1a/15	Course name: Symbolic logic
Course type, scope a Course type: Lectur Recommended cour Per week: 2 / 1 Per Course method: pre	nd the method: e / Practice rse-load (hours): study period: 28 / 14 sent
Number of ECTS cro	edits: 5
Recommended seme	ster/trimester of the course: 6.
Course level: I.	
Prerequisities:	
Conditions for cours Knowledge of studied	e completion: I notions will be evaluated.
Learning outcomes: To understand basic r	notions of symbolic logic.
Brief outline of the contract	ourse: bols n tion models ons sic proving system connections fiers
Recommended litera 1. Krajči S., https://ic 2. Goldstern M., Juda Logic, A K Peters, W	ture: s.upjs.sk/~krajci/skola/vyucba/ucebneTexty/logika-stromy.pdf h H.: The Incompleteness Phenomenon, A New Course in Mathematical fellesley, Massachusetts, 1995
Course language: Slovak	
Notes:	

Course assessm	nent					
Total number o	f assessed studen	ts: 447				
А	В	С	D	Е	FX	
29.31	10.96 11.86 10.51 25.06 12.3					
Provides: prof. RNDr. Stanislav Krajči, PhD.						
Date of last modification: 04.01.2022						
Approved: doc. PaedDr. Ingrid Puchalová, PhD., prof. RNDr. Stanislav Krajči, PhD.						

University: P. J.	. Šafárik Univers	ity in Košice				
Faculty: Faculty	y of Arts					
Course ID: KPI SSU/15	E/ Course na	/ Course name: Teachers' Support Groups				
Course type, sc Course type: H Recommended Per week: 2 Pe Course metho	ope and the met Practice d course-load (h er study period: d: present	thod: ours): 28				
Number of EC	I'S credits: 2					
Recommended	semester/trimes	ster of the cours	e: 6.			
Course level: I.	, II.					
Prerequisities:						
Conditions for	course completi	on:				
Learning outco	omes:					
Brief outline of	the course:					
Recommended	literature:					
Course languag	ge:					
Notes:						
Course assessm Total number of	nent f assessed studen	its: 59				
А	В	С	D	Е	FX	
88.14	88.14 10.17 0.0 0.0 0.0 1.69					
Provides: doc. PaedDr. Renáta Orosová, PhD., Mgr. Zuzana Vagaská, PhD.						
Date of last mo	dification: 12.03	3.2024				
Approved: doc.	PaedDr. Ingrid	Puchalová, PhD.,	prof. RNDr. Sta	nislav Krajči, Ph	D.	

University: P. J. Šafárik University in Košice					
Faculty: Faculty of A	ırts				
Course ID: KPPaPZ/ECo-C1/14	Course ID: XPPaPZ/ECo-C1/14 Course name: Team Work ECo-C1				
Course type, scope a Course type: Practic Recommended cour Per week: 2 Per stu Course method: pre	Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present				
Number of ECTS cr	edits: 4				
Recommended seme	ster/trimester of the cours	e: 4., 6.			
Course level: I.					
Prerequisities:					
Conditions for cours	e completion:				
Learning outcomes:					
Brief outline of the c	ourse:				
Recommended litera	iture:				
Course language:					
Notes:	Notes:				
Course assessment Total number of assessed students: 142					
	abs n				
97.89 2.11					
Provides: PhDr. Anna Janovská, PhD.					
Date of last modification: 14.09.2024					
Approved: doc. PaedDr. Ingrid Puchalová, PhD., prof. RNDr. Stanislav Krajči, PhD.					

University: P. J.	Šafárik Univers	ity in Košice				
Faculty: Faculty	of Arts					
Course ID: KGE KOMPT/22	ER/ Course na	me: Text Compo	osition			
Course type, sco Course type: P Recommended Per week: 2 Pe Course method	ppe and the met ractice course-load (h r study period: l: present	thod: ours): 28				
Number of EC'I	'S credits: 2					
Recommended s	semester/trimes	ster of the cours	e: 4.			
Course level: I.						
Prerequisities:						
Conditions for c	course completi	on:				
Learning outcom	mes:					
Brief outline of	the course:					
Recommended I	literature:					
Course language	e:					
Notes:						
Course assessme Total number of	ent assessed studen	ts: 52				
A	В	С	D	Е	FX	
40.38	25.0 23.08 1.92 1.92 7.69					
Provides: Mgr. Alexandra Popovičová, PhD.						
Date of last mod	lification: 18.09	0.2024				
Approved: doc.	PaedDr. Ingrid	Puchalová, PhD.,	prof. RNDr. Star	nislav Krajči, Ph	D.	

University: P. J. Šafá	rik University in Košice
Faculty: Faculty of A	rts
Course ID: KGER/ SYN/22	Course name: The Syntax of German
Course type, scope a Course type: Lectur Recommended cour Per week: 1 / 2 Per Course method: pre	nd the method: e / Practice rse-load (hours): study period: 14 / 28 esent
Number of ECTS cr	edits: 4
Recommended seme	ster/trimester of the course: 3.
Course level: I.	
Prerequisities:	
Conditions for cours Active participation i C: 71-80%, D: 61-70	e completion: n seminars 20%, tests 60%, final written exam 20%. A: 91-100%, B: 81-90%, %, E: 51-60%, FX: 0-50%.
Learning outcomes: Students can in indiv sentences and are fam language, with parti- students can analyze traditional and depen	idual sentences explain position of constituents in different types of German niliar with specific features of simple and compound sentences in the German cular attention paid to subordinate clauses. After completing the course, e German individual sentences and sentences in longer texts in terms of dency syntax.
 Brief outline of the c sentence (definition modifier (syntactic i) types of sentences ii) sentence models compound sentence types): subordinate sentence purpose, clauses of re infinite and particip Interpretations and ar Recommended literate EISENBERG, P. : De ENGEL, U. : Syntax HALL K = SCHEIN	ourse: s, constituents, word order) and semantic description) n German es in German language (general principles, coordination and subordination ces (frequent types of subordinate sentences – relative clauses, clauses of eason, temporal clauses etc.) le structures halyses are based on both traditional and dependency syntax. etture: er Satz (Bd.2) – Grundriss der deutschen Grammatik. Stuttgart 2006. der deutschen Gegenwartssprache. Berlin 1994. UER B : Übungsgrammatik für Fortgeschrittene. Ismaning 2001
HELBIG, G. – BUSC HELBIG, G. – BUSC HELBIG, G. – BUSC MARKO, E.: Príručn PILARSKY, J.: Deuts	 2001. 2001. 2001. 2001. 2001. 2001. 2001. 2001. 2001. 2002. 2003. 2004. 2004. 2005. 2005. 2006. 2007. 2008. 2008. 2008. 2008. 2008. 2009. <

Course langua German	ge:					
Notes:						
Course assessn Total number o	nent of assessed studen	ts: 110				
А	В	С	D	Е	FX	
14.55	27.27 28.18 12.73 13.64 3.64					
Provides: doc.	Dr.hab. Zsuzsann	a Iványi, PhD.		·		
Date of last mo	dification: 12.07	7.2022				
Approved: doc	. PaedDr. Ingrid I	Puchalová, PhD.,	prof. RNDr. Sta	nislav Krajči, Ph	D.	

University: P. J.	Šafárik Univers	ity in Košice				
Faculty: Faculty	of Arts					
Course ID: KPE TVE/08	E/ Course na	Course name: Theory of Education				
Course type, sc Course type: F Recommended Per week: 2 Pe Course method	ope and the met Practice I course-load (h er study period: d: present	thod: ours): 28				
Number of EC	IS credits: 2					
Recommended	semester/trimes	ster of the cours	e: 4., 6.			
Course level: I.						
Prerequisities:						
Conditions for	course completi	on:				
Learning outco	mes:					
Brief outline of	the course:					
Recommended	literature:					
Course languag	ge:					
Notes:						
Course assessm Total number of	ent fassessed studen	ts: 678				
Α	В	С	D	Е	FX	
45.13	5.13 30.24 16.08 4.72 1.92 1.92					
Provides: Mgr. Katarína Petríková, PhD., Mgr. Beáta Sakalová, PhD.						
Date of last mo	dification: 12.03	3.2024				
Approved: doc.	PaedDr. Ingrid	Puchalová, PhD.,	prof. RNDr. Star	nislav Krajči, Ph	D.	

University: P. J.	. Šafárik Univers	ity in Košice				
Faculty: Faculty	y of Arts					
Course ID: KG SPNOT/22	ER/ Course n a	Course name: Translation Specifics of German Specialised Texts				
Course type, sc Course type: I Recommended Per week: 2 Pe Course metho	ope and the met Practice I course-load (h er study period: d: present	thod: ours): 28				
Number of EC	IS credits: 2					
Recommended	semester/trimes	ster of the cours	e: 2., 4., 6.			
Course level: I.						
Prerequisities:						
Conditions for	course completi	on:				
Learning outco	mes:					
Brief outline of	the course:					
Recommended	literature:					
Course languag	ge:					
Notes:				_		
Course assessm Total number of	ent f assessed studen	ts: 123				
А	В	С	D	Е	FX	
45.53	45.53 13.82 24.39 13.82 2.44 0.0					
Provides: Dr. re	er. pol. Michaela	Kováčová				
Date of last mo	dification: 12.07	7.2022				
Approved: doc.	PaedDr. Ingrid	Puchalová, PhD.,	prof. RNDr. Sta	nislav Krajči, Ph	D.	

University: P. J. Šaf	ărik University in Košice
Faculty: Faculty of	Arts
Course ID: ÚINF/ TYS1/15	Course name: Typographical systems
Course type, scope Course type: Pract Recommended cou Per week: 2 Per st Course method: pr	and the method: ice urse-load (hours): udy period: 28 resent
Number of ECTS c	redits: 2
Recommended sem	ester/trimester of the course: 6.
Course level: I., N	
Prerequisities:	
Conditions for cour Satisfiable ability to	se completion: correct mainly mathematical typesetting.
Learning outcomes To provide the ba mathematical formu	: asic information on principles for typesetting of documents containing llas.
 Principles for typ Typesetting of a p TeX macros. Enumerations in the pages. Typesetting of ma Making tables am Definitions, theor Contents, bibliog Pictures. 1012. Project. 	esetting of documents containing mathematical formulas. blain text, special text symbols, using of text fonts.3 text and footnote command. Parameter setting determining the appearance of athematical formulas in text and displays, aligning formulas. d pictures. rems, and proofs in a mathematical document. raphy, sections in a document.
Recommended liter 1. D. E. Knuth, The Massachusetts, 1980 2. M. Doob, Jemný TeX" (text vo¾ne p 3. O. Ulrych, AMS- 4. J. Chlebíková, Al 5. M. Spivak, The Jo 6. L. Lamport, LaTe 7. L. Lamport, Mak 8. L. Rybièka, LaTe	 rature: TeXbook, Computers and Typesetting, Addison-Wesley, Reading, 5. úvod do TeXu, CSTUG, 1990; èeský preklad z "A Gentle Introduction to rístupný v CTAN archíve). TeX za 59 minút, (verzia 1.0), Praha, 1989. MS-TeX (verzia 2.0), Bratislava, 1992. oy of TeX, Amer. Math. Soc., 1986. eX: A Document Preparation System, Addison-Wesley, Massachusetts, 1986. eIndex: An index processor for LaTeX, 17 February 1987.

9. H. Partl, E. Schlegl, I. Hyna, P. Sýkora, LaTeX – Stručný popis.

10. T. Oetiker, H. Partl, I. Hyna, E. Schlegl, M. Kocer, P. Sýkora, Ne příliš stručný úvod do systému LaTeX2e (neboli LaTeX2e v 73 minutách).

11. M. Goossens, F. Mittelbach, and A. Samarin, The LaTeX Companion, Addison-Wesley, Reading, Massachusetts, 1994. Kapitola 8 je volne prístupná v TeX archívoch (ch8.pdf). 4 12. G. Grätzer, Math into LaTeX, 3rd edition, Birkhäuser, Boston, 2000.

Course language: Slovak.					
Notes:					
Course assessment Total number of assessed students: 264					
А	В	С	D	Е	FX
50.0	17.05	19.7	6.06	6.44	0.76
Provides: prof. RNDr. Stanislav Krajči, PhD.					
Date of last modification: 08.01.2022					
Approved: doc. PaedDr. Ingrid Puchalová, PhD., prof. RNDr. Stanislav Krajči, PhD.					