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Course Description

University: Matej Bel University in Banská Bystrica						
Faculty: Faculty of Natural Sciences						
Code: 2e-ain-111		Course name: Artificial intelligence				
Type, extent and method of instruction: Form of instruction: Lecture / Seminar Course type: A (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: 26s / 26s Method of study: combined						
Number of credits: 5						
Recommended semester/trimester: 1.						
Level: II.						
Prerequisites:						
Course completion conditions:						
Learning objectives:						
Brief outline of the course:						
Recommended literature:						
Language of instruction:						
Notes:student time load:						
Course assessment The final number of assessed students: 4						
A	B	C	D	E	FX(0)	FX(1)
25.0	0.0	0.0	0.0	25.0	0.0	50.0
Instructor: prof. Dr. Ing. Miroslav Svítek, Dr., Mgr. Adam Dudáš, PhD.						
Last changed: 24.01.2023						
Approved by: prof. Dr. Ing. Miroslav Svítek, Dr.						

Course Description

University: Matej Bel University in Banská Bystrica						
Faculty: Faculty of Natural Sciences						
Code: 2e-ain-222		Course name: Cloud Computing				
Type, extent and method of instruction: Form of instruction: Lecture / Practical Course type: B (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: 13s / 13s Method of study: combined						
Number of credits: 4						
Recommended semester/trimester: 2.						
Level: II.						
Prerequisites:						
Course completion conditions:						
Learning objectives:						
Brief outline of the course:						
Recommended literature:						
Language of instruction:						
Notes:student time load:						
Course assessment The final number of assessed students: 2						
A	B	C	D	E	FX(0)	FX(1)
100.0	0.0	0.0	0.0	0.0	0.0	0.0
Instructor: doc. Ing. Jarmila Škrinárová, PhD., Mgr. Adam Dudáš, PhD.						
Last changed: 24.01.2023						
Approved by: prof. Dr. Ing. Miroslav Svítek, Dr.						

Course Description

University: Matej Bel University in Banská Bystrica						
Faculty: Faculty of Natural Sciences						
Code: 2e-ain-123		Course name: Compilers				
Type, extent and method of instruction: Form of instruction: Lecture / Seminar Course type: A (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: 13s / 26s Method of study: combined						
Number of credits: 5						
Recommended semester/trimester: 2.						
Level: II.						
Prerequisites:						
Course completion conditions:						
Learning objectives:						
Brief outline of the course:						
Recommended literature:						
Language of instruction:						
Notes:student time load:						
Course assessment The final number of assessed students: 2						
A	B	C	D	E	FX(0)	FX(1)
50.0	0.0	0.0	50.0	0.0	0.0	0.0
Instructor: doc. Mgr. Ján Karabáš, PhD., Mgr. Adam Dudáš, PhD.						
Last changed: 24.01.2023						
Approved by: prof. Dr. Ing. Miroslav Svítek, Dr.						

Course Description

University: Matej Bel University in Banská Bystrica						
Faculty: Faculty of Natural Sciences						
Code: 2e-ain-132		Course name: Computability Theory				
Type, extent and method of instruction: Form of instruction: Lecture / Seminar Course type: A (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: 13s / 26s Method of study: combined						
Number of credits: 5						
Recommended semester/trimester: 3.						
Level: II.						
Prerequisites:						
Course completion conditions:						
Learning objectives:						
Brief outline of the course:						
Recommended literature:						
Language of instruction:						
Notes:student time load:						
Course assessment						
The final number of assessed students: 2						
A	B	C	D	E	FX(0)	FX(1)
50.0	0.0	0.0	0.0	50.0	0.0	0.0
Instructor: doc. Mgr. Ján Karabáš, PhD., Mgr. Adam Dudáš, PhD.						
Last changed: 24.01.2023						
Approved by: prof. Dr. Ing. Miroslav Svítek, Dr.						

Course Description

University: Matej Bel University in Banská Bystrica						
Faculty: Faculty of Natural Sciences						
Code: 2e-ain-212		Course name: Computer Graphics 2				
Type, extent and method of instruction: Form of instruction: Lecture / Practical Course type: B (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: 13s / 26s Method of study: combined						
Number of credits: 4						
Recommended semester/trimester: 1.						
Level: II.						
Prerequisites:						
Course completion conditions:						
Learning objectives:						
Brief outline of the course:						
Recommended literature:						
Language of instruction:						
Notes:student time load:						
Course assessment The final number of assessed students: 4						
A	B	C	D	E	FX(0)	FX(1)
50.0	0.0	0.0	0.0	0.0	25.0	25.0
Instructor: doc. Mgr. Ján Karabáš, PhD., Mgr. Michal Vagač, PhD.						
Last changed: 24.01.2023						
Approved by: prof. Dr. Ing. Miroslav Svítek, Dr.						

Course Description

University: Matej Bel University in Banská Bystrica						
Faculty: Faculty of Natural Sciences						
Code: 2e-ain-242		Course name: Computer Networks 2				
Type, extent and method of instruction: Form of instruction: Lecture / Seminar Course type: B (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: 26s / 26s Method of study: combined						
Number of credits: 4						
Recommended semester/trimester: 4.						
Level: II.						
Prerequisites:						
Course completion conditions:						
Learning objectives:						
Brief outline of the course:						
Recommended literature:						
Language of instruction:						
Notes:student time load:						
Course assessment The final number of assessed students: 1						
A	B	C	D	E	FX(0)	FX(1)
0.0	0.0	100.0	0.0	0.0	0.0	0.0
Instructor: doc. Ing. Ľudovít Trajtel', PhD., Mgr. Rudolf Kubík						
Last changed: 24.01.2023						
Approved by: prof. Dr. Ing. Miroslav Svítek, Dr.						

Course Description

University: Matej Bel University in Banská Bystrica						
Faculty: Faculty of Natural Sciences						
Code: 2e-ain-231		Course name: Effective Algorithms				
Type, extent and method of instruction: Form of instruction: Lecture / Seminar Course type: B (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: 13s / 13s Method of study: combined						
Number of credits: 4						
Recommended semester/trimester: 3.						
Level: II.						
Prerequisites:						
Course completion conditions:						
Learning objectives:						
Brief outline of the course:						
Recommended literature:						
Language of instruction:						
Notes:student time load:						
Course assessment The final number of assessed students: 2						
A	B	C	D	E	FX(0)	FX(1)
50.0	0.0	50.0	0.0	0.0	0.0	0.0
Instructor: doc. Ing. Jarmila Škrinárová, PhD., RNDr. Miroslav Melicherčík, PhD.						
Last changed: 24.01.2023						
Approved by: prof. Dr. Ing. Miroslav Svítek, Dr.						

Course Description

University: Matej Bel University in Banská Bystrica						
Faculty: Faculty of Natural Sciences						
Code: 2e-ain-244		Course name: Evolutionary Algorithms				
Type, extent and method of instruction: Form of instruction: Lecture / Seminar Course type: B (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: 26s / 13s Method of study: combined						
Number of credits: 4						
Recommended semester/trimester: 4.						
Level: II.						
Prerequisites:						
Course completion conditions:						
Learning objectives:						
Brief outline of the course:						
Recommended literature:						
Language of instruction:						
Notes:student time load:						
Course assessment The final number of assessed students: 1						
A	B	C	D	E	FX(0)	FX(1)
0.0	0.0	0.0	0.0	0.0	0.0	100.0
Instructor: doc. Ing. Jarmila Škrinárová, PhD., RNDr. Alžbeta Michalíková, PhD.						
Last changed: 24.01.2023						
Approved by: prof. Dr. Ing. Miroslav Svítek, Dr.						

Course Description

University: Matej Bel University in Banská Bystrica	
Faculty: Faculty of Natural Sciences	
Code: 2e-fpv-215	Course name: Foreign Excursion
Type, extent and method of instruction: Form of instruction: Practical Course type: C (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: 1d Method of study: combined	
Number of credits: 3	
Recommended semester/trimester: 2., 4.	
Level: II.	
Prerequisites:	
Course completion conditions:	
Learning objectives:	
Brief outline of the course:	
Recommended literature:	
Language of instruction:	
Notes:student time load:	
Course assessment The final number of assessed students: 0	
abs	n
0.0	0.0
Instructor: PaedDr. Mgr. Vladimír Siládi, PhD.	
Last changed: 12.02.2024	
Approved by: prof. Dr. Ing. Miroslav Svítek, Dr.	

Course Description

University: Matej Bel University in Banská Bystrica						
Faculty: Faculty of Natural Sciences						
Code: 2e-ain-114		Course name: Formal Languages and Automata				
Type, extent and method of instruction: Form of instruction: Lecture / Seminar Course type: A (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: 13s / 26s Method of study: combined						
Number of credits: 4						
Recommended semester/trimester: 1.						
Level: II.						
Prerequisites:						
Course completion conditions:						
Learning objectives:						
Brief outline of the course:						
Recommended literature:						
Language of instruction:						
Notes:student time load:						
Course assessment The final number of assessed students: 4						
A	B	C	D	E	FX(0)	FX(1)
25.0	0.0	0.0	25.0	0.0	0.0	50.0
Instructor: doc. Mgr. Ján Karabáš, PhD.						
Last changed: 24.01.2023						
Approved by: prof. Dr. Ing. Miroslav Svítek, Dr.						

Course Description

University: Matej Bel University in Banská Bystrica						
Faculty: Faculty of Natural Sciences						
Code: 2e-ain-113		Course name: Fuzzy Sets 1				
Type, extent and method of instruction: Form of instruction: Lecture / Seminar Course type: A (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: 26s / 13s Method of study: combined						
Number of credits: 4						
Recommended semester/trimester: 1.						
Level: II.						
Prerequisites:						
Course completion conditions:						
Learning objectives:						
Brief outline of the course:						
Recommended literature:						
Language of instruction:						
Notes:student time load:						
Course assessment The final number of assessed students: 4						
A	B	C	D	E	FX(0)	FX(1)
25.0	0.0	25.0	25.0	0.0	0.0	25.0
Instructor: doc. Mgr. Ján Karabáš, PhD., RNDr. Alžbeta Michalíková, PhD.						
Last changed: 24.01.2023						
Approved by: prof. Dr. Ing. Miroslav Svítek, Dr.						

Course Description

University: Matej Bel University in Banská Bystrica						
Faculty: Faculty of Natural Sciences						
Code: 2e-ain-225		Course name: Fuzzy Sets 2				
Type, extent and method of instruction: Form of instruction: Lecture / Seminar Course type: B (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: 13s / 13s Method of study: combined						
Number of credits: 4						
Recommended semester/trimester: 2.						
Level: II.						
Prerequisites:						
Course completion conditions:						
Learning objectives:						
Brief outline of the course:						
Recommended literature:						
Language of instruction:						
Notes:student time load:						
Course assessment The final number of assessed students: 2						
A	B	C	D	E	FX(0)	FX(1)
50.0	0.0	0.0	50.0	0.0	0.0	0.0
Instructor: RNDr. Alžbeta Michalíková, PhD.						
Last changed: 24.01.2023						
Approved by: prof. Dr. Ing. Miroslav Svítek, Dr.						

Course Description

University: Matej Bel University in Banská Bystrica						
Faculty: Faculty of Natural Sciences						
Code: 2e-ain-224		Course name: Information Systems				
Type, extent and method of instruction: Form of instruction: Lecture / Seminar Course type: B (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: 13s / 26s Method of study: combined						
Number of credits: 4						
Recommended semester/trimester: 2.						
Level: II.						
Prerequisites:						
Course completion conditions:						
Learning objectives:						
Brief outline of the course:						
Recommended literature:						
Language of instruction:						
Notes:student time load:						
Course assessment						
The final number of assessed students: 2						
A	B	C	D	E	FX(0)	FX(1)
50.0	0.0	0.0	50.0	0.0	0.0	0.0
Instructor: prof. Dr. Ing. Miroslav Svítek, Dr.						
Last changed: 24.01.2023						
Approved by: prof. Dr. Ing. Miroslav Svítek, Dr.						

Course Description

University: Matej Bel University in Banská Bystrica						
Faculty: Faculty of Natural Sciences						
Code: 2e-ain-221		Course name: Information and Coding Theory				
Type, extent and method of instruction: Form of instruction: Lecture / Seminar Course type: B (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: 13s / 26s Method of study: combined						
Number of credits: 4						
Recommended semester/trimester: 2.						
Level: II.						
Prerequisites:						
Course completion conditions:						
Learning objectives:						
Brief outline of the course:						
Recommended literature:						
Language of instruction:						
Notes:student time load:						
Course assessment The final number of assessed students: 0						
A	B	C	D	E	FX(0)	FX(1)
0.0	0.0	0.0	0.0	0.0	0.0	0.0
Instructor: prof. Dr. Ing. Miroslav Svítek, Dr., doc. Mgr. Ján Karabáš, PhD.						
Last changed: 24.01.2023						
Approved by: prof. Dr. Ing. Miroslav Svítek, Dr.						

Course Description

University: Matej Bel University in Banská Bystrica						
Faculty: Faculty of Natural Sciences						
Code: 2e-ain-241		Course name: Introduction to Robotics and Computer Vision				
Type, extent and method of instruction: Form of instruction: Lecture / Practical Course type: B (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: 26s / 13s Method of study: combined						
Number of credits: 4						
Recommended semester/trimester: 4.						
Level: II.						
Prerequisites:						
Course completion conditions:						
Learning objectives:						
Brief outline of the course:						
Recommended literature:						
Language of instruction:						
Notes:student time load:						
Course assessment The final number of assessed students: 1						
A	B	C	D	E	FX(0)	FX(1)
100.0	0.0	0.0	0.0	0.0	0.0	0.0
Instructor: doc. Ing. Jarmila Škrinárová, PhD., Ing. Jozef Suchý, CSc., Mgr. Michal Vagač, PhD.						
Last changed: 24.01.2023						
Approved by: prof. Dr. Ing. Miroslav Svítek, Dr.						

Course Description

University: Matej Bel University in Banská Bystrica						
Faculty: Faculty of Natural Sciences						
Code: 2e-ain-112		Course name: Linear Optimization				
Type, extent and method of instruction: Form of instruction: Lecture / Seminar Course type: A (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: 26s / 26s Method of study: combined						
Number of credits: 5						
Recommended semester/trimester: 1.						
Level: II.						
Prerequisites:						
Course completion conditions:						
Learning objectives:						
Brief outline of the course:						
Recommended literature:						
Language of instruction:						
Notes:student time load:						
Course assessment						
The final number of assessed students: 4						
A	B	C	D	E	FX(0)	FX(1)
0.0	25.0	0.0	0.0	25.0	0.0	50.0
Instructor: doc. Mgr. Ján Karabáš, PhD.						
Last changed: 24.01.2023						
Approved by: prof. Dr. Ing. Miroslav Svítek, Dr.						

Course Description

University: Matej Bel University in Banská Bystrica						
Faculty: Faculty of Natural Sciences						
Code: 2e-ain-243		Course name: Managing Systems for HPC				
Type, extent and method of instruction: Form of instruction: Lecture / Seminar Course type: B (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: 13s / 13s Method of study: combined						
Number of credits: 4						
Recommended semester/trimester: 4.						
Level: II.						
Prerequisites:						
Course completion conditions:						
Learning objectives:						
Brief outline of the course:						
Recommended literature:						
Language of instruction:						
Notes:student time load:						
Course assessment The final number of assessed students: 1						
A	B	C	D	E	FX(0)	FX(1)
100.0	0.0	0.0	0.0	0.0	0.0	0.0
Instructor: doc. Ing. Jarmila Škrinárová, PhD.						
Last changed: 24.01.2023						
Approved by: prof. Dr. Ing. Miroslav Svítek, Dr.						

Course Description

University: Matej Bel University in Banská Bystrica						
Faculty: Faculty of Natural Sciences						
Code: 2e-ain-121		Course name: Modeling and Simulation				
Type, extent and method of instruction: Form of instruction: Lecture / Seminar Course type: A (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: 26s / 13s Method of study: combined						
Number of credits: 6						
Recommended semester/trimester: 2.						
Level: II.						
Prerequisites:						
Course completion conditions:						
Learning objectives:						
Brief outline of the course:						
Recommended literature:						
Language of instruction:						
Notes:student time load:						
Course assessment						
The final number of assessed students: 2						
A	B	C	D	E	FX(0)	FX(1)
50.0	0.0	0.0	50.0	0.0	0.0	0.0
Instructor: prof. Dr. Ing. Miroslav Svítek, Dr., doc. Ing. Jarmila Škrinárová, PhD.						
Last changed: 24.01.2023						
Approved by: prof. Dr. Ing. Miroslav Svítek, Dr.						

Course Description

University: Matej Bel University in Banská Bystrica						
Faculty: Faculty of Natural Sciences						
Code: 2e-ain-211		Course name: Multidimensional Analysis of Large Data				
Type, extent and method of instruction: Form of instruction: Lecture / Seminar Course type: B (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: 13s / 13s Method of study: combined						
Number of credits: 4						
Recommended semester/trimester: 1.						
Level: II.						
Prerequisites:						
Course completion conditions:						
Learning objectives:						
Brief outline of the course:						
Recommended literature:						
Language of instruction:						
Notes:student time load:						
Course assessment The final number of assessed students: 4						
A	B	C	D	E	FX(0)	FX(1)
25.0	0.0	25.0	0.0	0.0	0.0	50.0
Instructor: doc. Ing. Jarmila Škrinárová, PhD., Mgr. Adam Dudáš, PhD.						
Last changed: 24.01.2023						
Approved by: prof. Dr. Ing. Miroslav Svítek, Dr.						

Course Description

University: Matej Bel University in Banská Bystrica						
Faculty: Faculty of Natural Sciences						
Code: 2e-ain-122		Course name: Neural Networks				
Type, extent and method of instruction: Form of instruction: Lecture / Seminar Course type: A (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: 26s / 26s Method of study: combined						
Number of credits: 5						
Recommended semester/trimester: 2.						
Level: II.						
Prerequisites:						
Course completion conditions:						
Learning objectives:						
Brief outline of the course:						
Recommended literature:						
Language of instruction:						
Notes:student time load:						
Course assessment The final number of assessed students: 2						
A	B	C	D	E	FX(0)	FX(1)
50.0	0.0	50.0	0.0	0.0	0.0	0.0
Instructor: doc. Ing. Jarmila Škrinárová, PhD., prof. Ing. Martin Klimo, PhD.						
Last changed: 24.01.2023						
Approved by: prof. Dr. Ing. Miroslav Svítek, Dr.						

Course Description

University: Matej Bel University in Banská Bystrica	
Faculty: Faculty of Natural Sciences	
Code: 2e-fpv-320	Course name: Out-of-School Activities in Didactics of Informatics 7
Type, extent and method of instruction: Form of instruction: Practical Course type: C (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: 39s Method of study: combined	
Number of credits: 4	
Recommended semester/trimester: 1.	
Level: II.	
Prerequisites:	
Course completion conditions:	
Learning objectives:	
Brief outline of the course:	
Recommended literature:	
Language of instruction:	
Notes:student time load:	
Course assessment The final number of assessed students: 2	
abs	n
0.0	100.0
Instructor: PaedDr. Patrik Voštinár, PhD.	
Last changed: 13.09.2023	
Approved by: prof. Dr. Ing. Miroslav Svítek, Dr.	

Course Description

University: Matej Bel University in Banská Bystrica	
Faculty: Faculty of Natural Sciences	
Code: 2e-fpv-321	Course name: Out-of-School Activities in Didactics of Informatics 8
Type, extent and method of instruction: Form of instruction: Practical Course type: C (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: 39s Method of study: combined	
Number of credits: 4	
Recommended semester/trimester: 2.	
Level: II.	
Prerequisites:	
Course completion conditions:	
Learning objectives:	
Brief outline of the course:	
Recommended literature:	
Language of instruction:	
Notes:student time load:	
Course assessment The final number of assessed students: 0	
abs	n
0.0	0.0
Instructor: PaedDr. Patrik Voštinár, PhD.	
Last changed: 13.09.2023	
Approved by: prof. Dr. Ing. Miroslav Svítek, Dr.	

Course Description

University: Matej Bel University in Banská Bystrica						
Faculty: Faculty of Natural Sciences						
Code: 2e-ain-131		Course name: Parallel and Distributed Computing				
Type, extent and method of instruction: Form of instruction: Lecture / Practical Course type: A (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: 13s / 26s Method of study: combined						
Number of credits: 5						
Recommended semester/trimester: 3.						
Level: II.						
Prerequisites:						
Course completion conditions:						
Learning objectives:						
Brief outline of the course:						
Recommended literature:						
Language of instruction:						
Notes:student time load:						
Course assessment The final number of assessed students: 2						
A	B	C	D	E	FX(0)	FX(1)
50.0	50.0	0.0	0.0	0.0	0.0	0.0
Instructor: doc. Ing. Jarmila Škrinárová, PhD., RNDr. Miroslav Melicherčík, PhD.						
Last changed: 24.01.2023						
Approved by: prof. Dr. Ing. Miroslav Svítek, Dr.						

Course Description

University: Matej Bel University in Banská Bystrica						
Faculty: Faculty of Natural Sciences						
Code: 2e-ain-213		Course name: Programming of Mobile Applications				
Type, extent and method of instruction: Form of instruction: Seminar Course type: B (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: 39s Method of study: combined						
Number of credits: 4						
Recommended semester/trimester: 1.						
Level: II.						
Prerequisites:						
Course completion conditions:						
Learning objectives:						
Brief outline of the course:						
Recommended literature:						
Language of instruction:						
Notes:student time load:						
Course assessment						
The final number of assessed students: 2						
A	B	C	D	E	FX(0)	FX(1)
100.0	0.0	0.0	0.0	0.0	0.0	0.0
Instructor:						
Last changed: 24.01.2023						
Approved by: prof. Dr. Ing. Miroslav Svítek, Dr.						

Course Description

University: Matej Bel University in Banská Bystrica						
Faculty: Faculty of Natural Sciences						
Code: 2e-ain-133		Course name: Project for Master Thesis				
Type, extent and method of instruction: Form of instruction: Seminar Course type: A (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: 26s Method of study: combined						
Number of credits: 5						
Recommended semester/trimester: 3.						
Level: II.						
Prerequisites:						
Course completion conditions:						
Learning objectives:						
Brief outline of the course:						
Recommended literature:						
Language of instruction:						
Notes:student time load:						
Course assessment						
The final number of assessed students: 2						
A	B	C	D	E	FX(0)	FX(1)
50.0	50.0	0.0	0.0	0.0	0.0	0.0
Instructor:						
Last changed: 24.01.2023						
Approved by: prof. Dr. Ing. Miroslav Svítek, Dr.						

Course Description

University: Matej Bel University in Banská Bystrica						
Faculty: Faculty of Natural Sciences						
Code: 2e-ain-233		Course name: Quantum Computing				
Type, extent and method of instruction: Form of instruction: Seminar Course type: B (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: 39s Method of study: combined						
Number of credits: 4						
Recommended semester/trimester: 3.						
Level: II.						
Prerequisites:						
Course completion conditions:						
Learning objectives:						
Brief outline of the course:						
Recommended literature:						
Language of instruction:						
Notes:student time load:						
Course assessment						
The final number of assessed students: 0						
A	B	C	D	E	FX(0)	FX(1)
0.0	0.0	0.0	0.0	0.0	0.0	0.0
Instructor:						
Last changed: 24.01.2023						
Approved by: prof. Dr. Ing. Miroslav Svítek, Dr.						

Course Description

University: Matej Bel University in Banská Bystrica						
Faculty: Faculty of Natural Sciences						
Code: 2e-ain-149		Course name: Seminar for Master Thesis				
Type, extent and method of instruction: Form of instruction: Seminar Course type: A (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: 26s Method of study: combined						
Number of credits: 3						
Recommended semester/trimester: 4.						
Level: II.						
Prerequisites:						
Course completion conditions:						
Learning objectives:						
Brief outline of the course:						
Recommended literature:						
Language of instruction:						
Notes:student time load:						
Course assessment						
The final number of assessed students: 1						
A	B	C	D	E	FX(0)	FX(1)
100.0	0.0	0.0	0.0	0.0	0.0	0.0
Instructor:						
Last changed: 24.01.2023						
Approved by: prof. Dr. Ing. Miroslav Svítek, Dr.						

Course Description

University: Matej Bel University in Banská Bystrica					
Faculty: Faculty of Natural Sciences					
Code: 2e-ain-199		Course name: State Exam. Diploma Thesis and its Defense, Colloquial Exam			
Type, extent and method of instruction: Form of instruction: Course type: A (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: Method of study: combined					
Number of credits: 20					
Recommended semester/trimester:					
Level: II.					
Prerequisites:					
Course completion conditions:					
Learning objectives:					
Brief outline of the course:					
Recommended literature:					
Language of instruction:					
Notes:student time load:					
Course assessment					
The final number of assessed students: 1					
A	B	C	D	E	FX(1)
100.0	0.0	0.0	0.0	0.0	0.0
Instructor:					
Last changed: 24.01.2023					
Approved by: prof. Dr. Ing. Miroslav Svítek, Dr.					

Course Description

University: Matej Bel University in Banská Bystrica						
Faculty: Faculty of Natural Sciences						
Code: 2e-ain-223		Course name: Team Leading				
Type, extent and method of instruction: Form of instruction: Lecture / Seminar Course type: B (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: 13s / 13s Method of study: combined						
Number of credits: 4						
Recommended semester/trimester: 2.						
Level: II.						
Prerequisites:						
Course completion conditions:						
Learning objectives:						
Brief outline of the course:						
Recommended literature:						
Language of instruction:						
Notes:student time load:						
Course assessment The final number of assessed students: 1						
A	B	C	D	E	FX(0)	FX(1)
100.0	0.0	0.0	0.0	0.0	0.0	0.0
Instructor: doc. Ing. Ľudovít Trajtel', PhD., PaedDr. Mgr. Vladimír Siládi, PhD.						
Last changed: 24.01.2023						
Approved by: prof. Dr. Ing. Miroslav Svítek, Dr.						

Course Description

University: Matej Bel University in Banská Bystrica						
Faculty: Faculty of Natural Sciences						
Code: 2e-ain-232		Course name: Virtual and Augmented Reality				
Type, extent and method of instruction: Form of instruction: Practical Course type: B (A - Compulsory courses, B - Compulsory elective courses, C - Elective courses) Recommended number of periods: 26s Method of study: combined						
Number of credits: 4						
Recommended semester/trimester: 3.						
Level: II.						
Prerequisites:						
Course completion conditions:						
Learning objectives:						
Brief outline of the course:						
Recommended literature:						
Language of instruction:						
Notes:student time load:						
Course assessment The final number of assessed students: 1						
A	B	C	D	E	FX(0)	FX(1)
100.0	0.0	0.0	0.0	0.0	0.0	0.0
Instructor: PaedDr. Patrik Voštinár, PhD.						
Last changed: 24.01.2023						
Approved by: prof. Dr. Ing. Miroslav Svítek, Dr.						