

INFORMATION SHEET

Name of the university: J. Selye University					
Name of the faculty: Faculty of Economics					
Code: KMI/ SPAIdm/AM/16		Name: Applied Mathematics			
Types, range and methods of educational activities: Form of study: Lecture / Seminar Recommended extent of course (in hours): Per week: 3 / 1 For the study period: 39 / 13 Methods of study: present					
Number of credits: 5					
Recommended semester/trimester of study: 1.					
Level of study: II.					
Prerequisites:					
Conditions for passing the subject:					
Results of education:					
Brief syllabus:					
Literature:					
Language, knowledge of which is necessary to complete a course:					
Notes:					
Evaluation of subjects Total number of evaluated students: 0					
A	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0
Teacher: doc. RNDr. János Tóth, PhD.					
Date of last update: 23.02.2017					
Approved by: Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

INFORMATION SHEET

Name of the university: J. Selye University					
Name of the faculty: Faculty of Economics					
Code: KMI/ SPAIdm/APD/16		Name: Parallel and Distributed Computer Architectures			
Types, range and methods of educational activities: Form of study: Lecture Recommended extent of course (in hours): Per week: 2 For the study period: 26 Methods of study: present					
Number of credits: 2					
Recommended semester/trimester of study: 1.					
Level of study: II.					
Prerequisites:					
Conditions for passing the subject:					
Results of education:					
Brief syllabus:					
Literature:					
Language, knowledge of which is necessary to complete a course:					
Notes:					
Evaluation of subjects Total number of evaluated students: 0					
A	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0
Teacher: Dr. habil. Attila Elemér Kiss, CSc.					
Date of last update: 23.02.2017					
Approved by: Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

INFORMATION SHEET

Name of the university: J. Selye University					
Name of the faculty: Faculty of Economics					
Code: KMI/ SPAIdm/BIS/16		Name: Security of Information Systems			
Types, range and methods of educational activities: Form of study: Lecture / Practical Recommended extent of course (in hours): Per week: 2 / 2 For the study period: 26 / 26 Methods of study: present					
Number of credits: 4					
Recommended semester/trimester of study: 2.					
Level of study: II.					
Prerequisites:					
Conditions for passing the subject:					
Results of education:					
Brief syllabus:					
Literature:					
Language, knowledge of which is necessary to complete a course:					
Notes:					
Evaluation of subjects Total number of evaluated students: 0					
A	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0
Teacher: Dániel Zoltán Stojcsics, PhD.					
Date of last update: 23.02.2017					
Approved by: Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

INFORMATION SHEET

Name of the university: J. Selye University					
Name of the faculty: Faculty of Economics					
Code: KMI/ SPAIdm/DP1/16		Name: Diploma Thesis 1			
Types, range and methods of educational activities: Form of study: Recommended extent of course (in hours): Per week: For the study period: Methods of study: present					
Number of credits: 10					
Recommended semester/trimester of study: 1.					
Level of study: II.					
Prerequisites:					
Conditions for passing the subject:					
Results of education:					
Brief syllabus:					
Literature:					
Language, knowledge of which is necessary to complete a course:					
Notes:					
Evaluation of subjects Total number of evaluated students: 0					
A	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0
Teacher:					
Date of last update: 23.02.2017					
Approved by: Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

INFORMATION SHEET

Name of the university: J. Selye University					
Name of the faculty: Faculty of Economics					
Code: KMI/ SPAIdm/DP2/16		Name: Diploma Thesis 2			
Types, range and methods of educational activities: Form of study: Recommended extent of course (in hours): Per week: For the study period: Methods of study: present					
Number of credits: 4					
Recommended semester/trimester of study: 2.					
Level of study: II.					
Prerequisites:					
Conditions for passing the subject:					
Results of education:					
Brief syllabus:					
Literature:					
Language, knowledge of which is necessary to complete a course:					
Notes:					
Evaluation of subjects Total number of evaluated students: 0					
A	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0
Teacher:					
Date of last update: 23.02.2017					
Approved by: Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

INFORMATION SHEET

Name of the university: J. Selye University					
Name of the faculty: Faculty of Economics					
Code: KMI/ SPAIdm/DP3/16		Name: Diploma Thesis 3			
Types, range and methods of educational activities: Form of study: Recommended extent of course (in hours): Per week: For the study period: Methods of study: present					
Number of credits: 6					
Recommended semester/trimester of study: 3.					
Level of study: II.					
Prerequisites:					
Conditions for passing the subject:					
Results of education:					
Brief syllabus:					
Literature:					
Language, knowledge of which is necessary to complete a course:					
Notes:					
Evaluation of subjects Total number of evaluated students: 0					
A	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0
Teacher:					
Date of last update: 23.02.2017					
Approved by: Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

INFORMATION SHEET

Name of the university: J. Selye University					
Name of the faculty: Faculty of Economics					
Code: KMI/ SPAIdm/DP4/16		Name: Diploma Thesis 4			
Types, range and methods of educational activities: Form of study: Recommended extent of course (in hours): Per week: For the study period: Methods of study: present					
Number of credits: 8					
Recommended semester/trimester of study: 4.					
Level of study: II.					
Prerequisites:					
Conditions for passing the subject:					
Results of education:					
Brief syllabus:					
Literature:					
Language, knowledge of which is necessary to complete a course:					
Notes:					
Evaluation of subjects Total number of evaluated students: 0					
A	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0
Teacher:					
Date of last update: 23.02.2017					
Approved by: Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

INFORMATION SHEET

Name of the university: J. Selye University	
Name of the faculty: Faculty of Economics	
Code: KMI/ SPAIdm/DSO/16	Name: Digital Image Processing
Types, range and methods of educational activities: Form of study: Lecture / Practical Recommended extent of course (in hours): Per week: 3 / 1 For the study period: 39 / 13 Methods of study: present	
Number of credits: 4	
Recommended semester/trimester of study: 2.	
Level of study: II.	
Prerequisites:	
Conditions for passing the subject: The course is finished by an exam (100%). Students are assessed according to the average percentage obtained on the exams. For assessment A should be obtained at least 90 percent, for assessment B at least 80 percent, for assessment C at least 70 percent, for assessment D at least 60 percent, for assessment E at least 50 percent. Credits will not be granted to students who obtain less than 50 percent.	
Results of education: After successful completion of the course the student gain insight into the world of digital image processing and computer graphics. He masters the technical terminology, algorithms, principles and procedures used in computer graphics. He is familiar with the work of raster and vector graphics, work with graphic data and formats, hardware components and modern methods.	
Brief syllabus:	
Literature: BUDAI, A.: A számítógépes grafika. Budapest, 2003, 390 s. LSI Oktatóközpont, ISBN 9635772432. SOBOTA, B. - Milián, J.: Grafické formáty. České Budějovice, 1996, 157 s. Kopp, ISBN 80-85828-58-8. SZIRMAY, L.: Számítógépes grafika. Budapest 2003, 334 s. ComputerBooks, ISBN 963 618 208 6. BERKE, J. - HEGEDŰS, Cs. - KELEMEN, D.: Digitálisképfeldolgozásésalkalmazásai. Budapest, 1996, 215 s. Pictron, ISBN 963 00 5744 1. ŽÁRA, J. a kol: Moderní počítačová grafika, Brno 2010, 608 s., Computer Press a.s., ISBN 80-251-0454-0. HIDEKGUTI, G.: Vinnay, P. Digitálisképalkotás. Budapest, 2001, 196 s., ViviCom Kiadói és Kommunikációs Kft., ISBN 9789630088533. FÜZI, J.: Grafikai alkalmazások Delphi nyelven. Budapest, 2000, 322 s., ComputerBooks, ISBN 963 618 236 1.	
Language, knowledge of which is necessary to complete a course: Hungarian language, Slovak language	
Notes:	
Evaluation of subjects Total number of evaluated students: 0	

A	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0
Teacher: Dr. habil. József Zoltán Kató, DSc.					
Date of last update: 23.02.2017					
Approved by: Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

INFORMATION SHEET

Name of the university: J. Selye University					
Name of the faculty: Faculty of Economics					
Code: KMI/ SPAIdm/DVS/16		Name: Distributed Embedded Systems			
Types, range and methods of educational activities: Form of study: Lecture / Practical Recommended extent of course (in hours): Per week: 2 / 1 For the study period: 26 / 13 Methods of study: present					
Number of credits: 3					
Recommended semester/trimester of study: 1.					
Level of study: II.					
Prerequisites:					
Conditions for passing the subject:					
Results of education:					
Brief syllabus:					
Literature:					
Language, knowledge of which is necessary to complete a course:					
Notes:					
Evaluation of subjects Total number of evaluated students: 0					
A	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0
Teacher: Dr. habil. András Molnár, PhD.					
Date of last update: 23.02.2017					
Approved by: Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

INFORMATION SHEET

Name of the university: J. Selye University					
Name of the faculty: Faculty of Economics					
Code: KMI/ SPAIdm/FML/16		Name: Formal Methods and Mathematical Logic in Computer Science			
Types, range and methods of educational activities: Form of study: Lecture Recommended extent of course (in hours): Per week: 2 For the study period: 26 Methods of study: present					
Number of credits: 2					
Recommended semester/trimester of study: 3.					
Level of study: II.					
Prerequisites:					
Conditions for passing the subject:					
Results of education:					
Brief syllabus:					
Literature:					
Language, knowledge of which is necessary to complete a course:					
Notes:					
Evaluation of subjects Total number of evaluated students: 0					
A	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0
Teacher:					
Date of last update: 23.02.2017					
Approved by: Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

INFORMATION SHEET

Name of the university: J. Selye University					
Name of the faculty: Faculty of Economics					
Code: KMI/ SPAIdm/FS/16		Name: Fuzzy Systems			
Types, range and methods of educational activities: Form of study: Lecture Recommended extent of course (in hours): Per week: 2 For the study period: 26 Methods of study: present					
Number of credits: 2					
Recommended semester/trimester of study: 3.					
Level of study: II.					
Prerequisites:					
Conditions for passing the subject:					
Results of education:					
Brief syllabus:					
Literature:					
Language, knowledge of which is necessary to complete a course:					
Notes:					
Evaluation of subjects Total number of evaluated students: 0					
A	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0
Teacher:					
Date of last update: 23.02.2017					
Approved by: Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

INFORMATION SHEET

Name of the university: J. Selye University					
Name of the faculty: Faculty of Economics					
Code: KMI/ SPAIdm/IVP/16		Name: Intelligent Development Tools			
Types, range and methods of educational activities: Form of study: Practical Recommended extent of course (in hours): Per week: 3 For the study period: 39 Methods of study: present					
Number of credits: 3					
Recommended semester/trimester of study: 4.					
Level of study: II.					
Prerequisites:					
Conditions for passing the subject:					
Results of education:					
Brief syllabus:					
Literature:					
Language, knowledge of which is necessary to complete a course:					
Notes:					
Evaluation of subjects Total number of evaluated students: 0					
A	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0
Teacher:					
Date of last update: 23.02.2017					
Approved by: Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

INFORMATION SHEET

Name of the university: J. Selye University					
Name of the faculty: Faculty of Economics					
Code: KMI/ SPAIdm/KDR/16		Name: Kinematics and Dynamics of Industrial Robots			
Types, range and methods of educational activities: Form of study: Lecture / Practical Recommended extent of course (in hours): Per week: 2 / 2 For the study period: 26 / 26 Methods of study: present					
Number of credits: 4					
Recommended semester/trimester of study: 3.					
Level of study: II.					
Prerequisites:					
Conditions for passing the subject:					
Results of education:					
Brief syllabus:					
Literature:					
Language, knowledge of which is necessary to complete a course:					
Notes:					
Evaluation of subjects Total number of evaluated students: 0					
A	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0
Teacher:					
Date of last update: 23.02.2017					
Approved by: Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

INFORMATION SHEET

Name of the university: J. Selye University					
Name of the faculty: Faculty of Economics					
Code: KMI/ SPAIdm/MAP/16		Name: Modeling and Planning			
Types, range and methods of educational activities: Form of study: Lecture / Practical Recommended extent of course (in hours): Per week: 2 / 2 For the study period: 26 / 26 Methods of study: present					
Number of credits: 4					
Recommended semester/trimester of study: 4.					
Level of study: II.					
Prerequisites:					
Conditions for passing the subject:					
Results of education:					
Brief syllabus:					
Literature:					
Language, knowledge of which is necessary to complete a course:					
Notes:					
Evaluation of subjects Total number of evaluated students: 0					
A	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0
Teacher:					
Date of last update: 23.02.2017					
Approved by: Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

INFORMATION SHEET

Name of the university: J. Selye University					
Name of the faculty: Faculty of Economics					
Code: KMI/ SPAIdm/MO/16		Name: Optimization Methods			
Types, range and methods of educational activities: Form of study: Lecture / Seminar Recommended extent of course (in hours): Per week: 2 / 1 For the study period: 26 / 13 Methods of study: present					
Number of credits: 4					
Recommended semester/trimester of study: 2.					
Level of study: II.					
Prerequisites:					
Conditions for passing the subject:					
Results of education:					
Brief syllabus:					
Literature:					
Language, knowledge of which is necessary to complete a course:					
Notes:					
Evaluation of subjects Total number of evaluated students: 0					
A	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0
Teacher: RNDr. Zuzana Árki, PhD.					
Date of last update: 23.02.2017					
Approved by: Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

INFORMATION SHEET

Name of the university: J. Selye University					
Name of the faculty: Faculty of Economics					
Code: KMI/ SPAIdm/MSC/16		Name: Soft computing methods			
Types, range and methods of educational activities: Form of study: Lecture Recommended extent of course (in hours): Per week: 2 For the study period: 26 Methods of study: present					
Number of credits: 2					
Recommended semester/trimester of study: 3.					
Level of study: II.					
Prerequisites:					
Conditions for passing the subject:					
Results of education:					
Brief syllabus:					
Literature:					
Language, knowledge of which is necessary to complete a course:					
Notes:					
Evaluation of subjects Total number of evaluated students: 0					
A	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0
Teacher:					
Date of last update: 23.02.2017					
Approved by: Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

INFORMATION SHEET

Name of the university: J. Selye University					
Name of the faculty: Faculty of Economics					
Code: KMI/ SPAIdm/ODP/16		Name: Obhajoba diplomovej práce			
Types, range and methods of educational activities: Form of study: Recommended extent of course (in hours): Per week: For the study period: Methods of study: present					
Number of credits: 0					
Recommended semester/trimester of study:					
Level of study: II.					
Prerequisites:					
Conditions for passing the subject:					
Results of education:					
Brief syllabus:					
Literature:					
Language, knowledge of which is necessary to complete a course:					
Notes:					
Evaluation of subjects Total number of evaluated students: 0					
A	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0
Teacher:					
Date of last update: 23.02.2017					
Approved by: Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

INFORMATION SHEET

Name of the university: J. Selye University					
Name of the faculty: Faculty of Economics					
Code: KMI/ SPAIdm/PDP/16		Name: Parallel and Distributed Software Development			
Types, range and methods of educational activities: Form of study: Lecture / Practical Recommended extent of course (in hours): Per week: 2 / 2 For the study period: 26 / 26 Methods of study: present					
Number of credits: 4					
Recommended semester/trimester of study: 1.					
Level of study: II.					
Prerequisites:					
Conditions for passing the subject:					
Results of education:					
Brief syllabus:					
Literature:					
Language, knowledge of which is necessary to complete a course:					
Notes:					
Evaluation of subjects Total number of evaluated students: 0					
A	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0
Teacher: Sándor Szénási, PhD.					
Date of last update: 23.02.2017					
Approved by: Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

INFORMATION SHEET

Name of the university: J. Selye University					
Name of the faculty: Faculty of Economics					
Code: KMI/ SPAIdm/PRS/16		Name: Robotic Systems Programming			
Types, range and methods of educational activities: Form of study: Lecture / Practical Recommended extent of course (in hours): Per week: 2 / 2 For the study period: 26 / 26 Methods of study: present					
Number of credits: 4					
Recommended semester/trimester of study: 3.					
Level of study: II.					
Prerequisites:					
Conditions for passing the subject:					
Results of education:					
Brief syllabus:					
Literature:					
Language, knowledge of which is necessary to complete a course:					
Notes:					
Evaluation of subjects Total number of evaluated students: 0					
A	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0
Teacher:					
Date of last update: 23.02.2017					
Approved by: Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

INFORMATION SHEET

Name of the university: J. Selye University					
Name of the faculty: Faculty of Economics					
Code: KMI/ SPAIdm/PST1/16		Name: Advanced Software Technologies 1			
Types, range and methods of educational activities: Form of study: Lecture Recommended extent of course (in hours): Per week: 2 For the study period: 26 Methods of study: present					
Number of credits: 2					
Recommended semester/trimester of study: 3.					
Level of study: II.					
Prerequisites:					
Conditions for passing the subject:					
Results of education:					
Brief syllabus:					
Literature:					
Language, knowledge of which is necessary to complete a course:					
Notes:					
Evaluation of subjects Total number of evaluated students: 0					
A	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0
Teacher:					
Date of last update: 23.02.2017					
Approved by: Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

INFORMATION SHEET

Name of the university: J. Selye University					
Name of the faculty: Faculty of Economics					
Code: KMI/ SPAIdm/PST2/16		Name: Advanced Software Technologies 2			
Types, range and methods of educational activities: Form of study: Lecture Recommended extent of course (in hours): Per week: 2 For the study period: 26 Methods of study: present					
Number of credits: 2					
Recommended semester/trimester of study: 4.					
Level of study: II.					
Prerequisites:					
Conditions for passing the subject:					
Results of education:					
Brief syllabus:					
Literature:					
Language, knowledge of which is necessary to complete a course:					
Notes:					
Evaluation of subjects Total number of evaluated students: 0					
A	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0
Teacher:					
Date of last update: 23.02.2017					
Approved by: Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

INFORMATION SHEET

Name of the university: J. Selye University					
Name of the faculty: Faculty of Economics					
Code: KMI/ SPAIdm/RR/16		Name: Robot Controlling			
Types, range and methods of educational activities: Form of study: Lecture / Practical Recommended extent of course (in hours): Per week: 2 / 1 For the study period: 26 / 13 Methods of study: present					
Number of credits: 3					
Recommended semester/trimester of study: 3.					
Level of study: II.					
Prerequisites:					
Conditions for passing the subject:					
Results of education:					
Brief syllabus:					
Literature:					
Language, knowledge of which is necessary to complete a course:					
Notes:					
Evaluation of subjects Total number of evaluated students: 0					
A	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0
Teacher:					
Date of last update: 23.02.2017					
Approved by: Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

INFORMATION SHEET

Name of the university: J. Selye University					
Name of the faculty: Faculty of Economics					
Code: KMI/ SPAIdm/SHO/16		Name: Queuing Systems			
Types, range and methods of educational activities: Form of study: Lecture Recommended extent of course (in hours): Per week: 2 For the study period: 26 Methods of study: present					
Number of credits: 2					
Recommended semester/trimester of study: 3.					
Level of study: II.					
Prerequisites:					
Conditions for passing the subject:					
Results of education:					
Brief syllabus:					
Literature:					
Language, knowledge of which is necessary to complete a course:					
Notes:					
Evaluation of subjects Total number of evaluated students: 0					
A	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0
Teacher:					
Date of last update: 23.02.2017					
Approved by: Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

INFORMATION SHEET

Name of the university: J. Selye University					
Name of the faculty: Faculty of Economics					
Code: KMI/ SPAIdm/SM/16		Name: Simulation Methods			
Types, range and methods of educational activities: Form of study: Lecture Recommended extent of course (in hours): Per week: 2 For the study period: 26 Methods of study: present					
Number of credits: 2					
Recommended semester/trimester of study: 3.					
Level of study: II.					
Prerequisites:					
Conditions for passing the subject:					
Results of education:					
Brief syllabus:					
Literature:					
Language, knowledge of which is necessary to complete a course:					
Notes:					
Evaluation of subjects Total number of evaluated students: 0					
A	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0
Teacher:					
Date of last update: 23.02.2017					
Approved by: Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

INFORMATION SHEET

Name of the university: J. Selye University					
Name of the faculty: Faculty of Economics					
Code: KMI/ SPAIdm/STU/16		Name: Telemetry Data Processing			
Types, range and methods of educational activities: Form of study: Lecture Recommended extent of course (in hours): Per week: 3 For the study period: 39 Methods of study: present					
Number of credits: 3					
Recommended semester/trimester of study: 3.					
Level of study: II.					
Prerequisites:					
Conditions for passing the subject:					
Results of education:					
Brief syllabus:					
Literature:					
Language, knowledge of which is necessary to complete a course:					
Notes:					
Evaluation of subjects Total number of evaluated students: 0					
A	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0
Teacher:					
Date of last update: 23.02.2017					
Approved by: Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

INFORMATION SHEET

Name of the university: J. Selye University					
Name of the faculty: Faculty of Economics					
Code: KMI/ SPAIdm/TA/16		Name: Algorithm Theory			
Types, range and methods of educational activities: Form of study: Lecture Recommended extent of course (in hours): Per week: 3 For the study period: 39 Methods of study: present					
Number of credits: 4					
Recommended semester/trimester of study: 2.					
Level of study: II.					
Prerequisites:					
Conditions for passing the subject:					
Results of education:					
Brief syllabus:					
Literature: CORMEN, T. H. – LEISERSON, CH. E. – RIVEST, R. L.: Algoritmusok. Budapest : Műszaki Könyvkiadó, 2003. 884 s. ISBN 978-963-1630-29-9. CORMEN, T. H. – LEISERSON, CH. E. – RIVEST, R. L. – STEIN, C.: Új algoritmusok. Budapest : Scolar Kft., 2003. 992 s. ISBN 978-963-9193-90-1. RÓNYAI, L. – IVANYOS, G. – SZABÓ, R.: Algoritmusok. Budapest : Typotex, 2005. 350 s. ISBN 978-963-2790-14-5. SINGH, A.: Elements of Computation Theory. London : Springer-Verlag, 2009. 422 s. ISBN 978-1-84882-496-6. SEDGEWICK, R. - WAYNE, K.: Algorithms. Boston : Addison-Wesley, 2015. 952 s. ISBN 978-0-321-57351-3.					
Language, knowledge of which is necessary to complete a course: Hungarian					
Notes:					
Evaluation of subjects Total number of evaluated students: 0					
A	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0
Teacher: prof. RNDr. Tibor Kmet', CSc.					
Date of last update: 23.02.2017					
Approved by: Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

INFORMATION SHEET

Name of the university: J. Selye University					
Name of the faculty: Faculty of Economics					
Code: KMI/ SPAIdm/TDS/16		Name: Database theory			
Types, range and methods of educational activities: Form of study: Lecture / Practical Recommended extent of course (in hours): Per week: 1 / 2 For the study period: 13 / 26 Methods of study: present					
Number of credits: 3					
Recommended semester/trimester of study: 1.					
Level of study: II.					
Prerequisites:					
Conditions for passing the subject:					
Results of education:					
Brief syllabus:					
Literature:					
Language, knowledge of which is necessary to complete a course:					
Notes:					
Evaluation of subjects Total number of evaluated students: 0					
A	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0
Teacher: Dr. habil. Attila Elemér Kiss, CSc.					
Date of last update: 23.02.2017					
Approved by: Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

INFORMATION SHEET

Name of the university: J. Selye University					
Name of the faculty: Faculty of Economics					
Code: KMI/ SPAIdm/TIK/16		Name: Information and Coding Theory			
Types, range and methods of educational activities: Form of study: Lecture Recommended extent of course (in hours): Per week: 2 For the study period: 26 Methods of study: present					
Number of credits: 3					
Recommended semester/trimester of study: 1.					
Level of study: II.					
Prerequisites:					
Conditions for passing the subject:					
Results of education:					
Brief syllabus:					
Literature:					
Language, knowledge of which is necessary to complete a course:					
Notes:					
Evaluation of subjects Total number of evaluated students: 0					
A	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0
Teacher: RNDr. József Bukor, PhD., Dr. habil. László Szalay, DSc.					
Date of last update: 23.02.2017					
Approved by: Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

INFORMATION SHEET

Name of the university: J. Selye University					
Name of the faculty: Faculty of Economics					
Code: KMI/ SPAIdm/TSR/16		Name: Systems and Control Theory			
Types, range and methods of educational activities: Form of study: Lecture / Practical Recommended extent of course (in hours): Per week: 3 / 1 For the study period: 39 / 13 Methods of study: present					
Number of credits: 5					
Recommended semester/trimester of study: 2.					
Level of study: II.					
Prerequisites:					
Conditions for passing the subject:					
Results of education:					
Brief syllabus:					
Literature:					
Language, knowledge of which is necessary to complete a course:					
Notes:					
Evaluation of subjects Total number of evaluated students: 0					
A	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0
Teacher: prof. Dr. Annamária Várkonyiné Kóczy, DSc.					
Date of last update: 23.02.2017					
Approved by: Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

INFORMATION SHEET

Name of the university: J. Selye University	
Name of the faculty: Faculty of Economics	
Code: KMI/ SPAIdm/UI/16	Name: Artificial intelligence
Types, range and methods of educational activities: Form of study: Lecture Recommended extent of course (in hours): Per week: 3 For the study period: 39 Methods of study: present	
Number of credits: 4	
Recommended semester/trimester of study: 2.	
Level of study: II.	
Prerequisites:	
Conditions for passing the subject: The course is finished by an exam (100%). Students are assessed according to the average percentage obtained on the exams. For assessment A should be obtained at least 90 percent, for assessment B at least 80 percent, for assessment C at least 70 percent, for assessment D at least 60 percent, for assessment E at least 50 percent. Credits will not be granted to students who obtain less than 50 percent.	
Results of education:	
Brief syllabus:	
Literature: 1. R. Fullér, Neural Fuzzy Systems, Ábo Akademis tryckeri, Ábo, ESF Series A:443, 1995. 2. • R. Fullér, Introduction to Neuro-Fuzzy Systems, Advances in Soft Computing Series, Springer-Verlag, Berlin/Heidelberg, 2000. 3. KVASNIČKA, Ľ.– BEŇUŠKOVÁ, Ľ.– POSPÍCHAL, J.– FARKAŠ, I.– TIŇO, P.– KRÁĽ, A.: Úvod do teórie neurónových sietí IRIS, Bratislava, 1997. 4. KVASNIČKA, V.– POSPÍCHAL, J., TIŇO, P.: Evolučné Algoritmy, STU Bratislava, 2000 5. MICHALEWICZ, Z.: Genetic Algorithms + Data Structures = Evolution Programs. Springer Verlag, Berlín, 1992. 6. MAŘÍK, V.– ŠTĚPÁNKOVÁ, O.– LAŽANSKÝ, J. a kol.: Umělá inteligence (4), ACADEMIA Praha, 2003. 7. NÁVRAT, P. a kol.: Umělá inteligencia, STU v Bratislave, 2002. 8. ORAVEC, M., POLEC, J., MARCHEVSKÝ, S. a kol.: Neurónové siete pre číslicové spracovanie signálov, FABER Bratislava, 1998 9. SINČÁK, P.– ANDREJKOVÁ, G.: Neurónové siete I., II. ELFA Košice, 1996	
Language, knowledge of which is necessary to complete a course: Hungarian language, Slovak language	
Notes:	
Evaluation of subjects Total number of evaluated students: 0	

A	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0
Teacher: prof. Dr. Annamária Várkonyiné Kóczy, DSc.					
Date of last update: 23.02.2017					
Approved by: Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

INFORMATION SHEET

Name of the university: J. Selye University					
Name of the faculty: Faculty of Economics					
Code: KMI/ SPAIdm/ZM/16		Name: Basics of Mechatronics			
Types, range and methods of educational activities: Form of study: Lecture Recommended extent of course (in hours): Per week: 2 For the study period: 26 Methods of study: present					
Number of credits: 2					
Recommended semester/trimester of study: 4.					
Level of study: II.					
Prerequisites:					
Conditions for passing the subject:					
Results of education:					
Brief syllabus:					
Literature:					
Language, knowledge of which is necessary to complete a course:					
Notes:					
Evaluation of subjects Total number of evaluated students: 0					
A	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0
Teacher:					
Date of last update: 23.02.2017					
Approved by: Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

INFORMATION SHEET

Name of the university: J. Selye University					
Name of the faculty: Faculty of Economics					
Code: KMI/ SPAIdm/ZPR/16		Name: Basics of Robot Programming			
Types, range and methods of educational activities: Form of study: Lecture / Practical Recommended extent of course (in hours): Per week: 1 / 1 For the study period: 13 / 13 Methods of study: present					
Number of credits: 2					
Recommended semester/trimester of study: 4.					
Level of study: II.					
Prerequisites:					
Conditions for passing the subject:					
Results of education:					
Brief syllabus:					
Literature:					
Language, knowledge of which is necessary to complete a course:					
Notes:					
Evaluation of subjects Total number of evaluated students: 0					
A	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0
Teacher:					
Date of last update: 23.02.2017					
Approved by: Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

INFORMATION SHEET

Name of the university: J. Selye University					
Name of the faculty: Faculty of Economics					
Code: KMI/ SPAIdm/ŠS/16		Name: State exam			
Types, range and methods of educational activities: Form of study: Recommended extent of course (in hours): Per week: For the study period: Methods of study: present					
Number of credits: 2					
Recommended semester/trimester of study:					
Level of study: II.					
Prerequisites:					
Conditions for passing the subject:					
Results of education:					
Brief syllabus:					
Literature:					
Language, knowledge of which is necessary to complete a course:					
Notes:					
Evaluation of subjects Total number of evaluated students: 0					
A	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0
Teacher:					
Date of last update: 23.02.2017					
Approved by: Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					