COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	

Faculty: Faculty of Science	

Course ID: ÚINF/ QAOS/16	**Course name:** Administrácia a bezpečnosť operačných systémov a sietí

Course type, scope and the method:
  Course type: Practice
  Recommended course-load (hours):
  Per week: Per study period: 24s
  Course method: present

Number of credits: 8

Recommended semester/trimester of the course: 3.

Course level: N

Prerequisities:

Conditions for course completion:

Learning outcomes:

Brief outline of the course:

Recommended literature:

Course language:

Course assessment
 Total number of assessed students: 25

A	B	C	D	E	FX
16.0	36.0	32.0	8.0	8.0	0.0

Provides: RNDr. JUDr. Pavol Sokol, PhD.

Date of last modification: 25.02.2018

Approved: Guaranteedoc. RNDr. Gabriela Andrejková, CSc.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	

Faculty: Faculty of Science	

Course ID: ÚINF/ QASU/16	**Course name:** Algorithms and data structures

Course type, scope and the method:
  Course type: Lecture
  Recommended course-load (hours):
  Per week: Per study period: 24s
  Course method: present

Number of credits: 8

Recommended semester/trimester of the course: 4.

Course level: N

Prerequisities:

Conditions for course completion:

Learning outcomes:

Brief outline of the course:

Recommended literature:

Course language:

Course assessment
 Total number of assessed students: 21

A	B	C	D	E	FX
0.0	4.76	23.81	38.1	33.33	0.0

Provides: RNDr. Rastislav Krivoš-Belluš, PhD.

Date of last modification: 25.02.2018

Approved: Guaranteedoc. RNDr. Gabriela Andrejková, CSc.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	

Faculty: Faculty of Science

Course ID: ÚINF/ QDG1/16	**Course name:** Digital education of teachers

Course type, scope and the method: **Course type:** Practice **Recommended course-load (hours):** **Per week: Per study period:** 24s **Course method:** present

Number of credits: 6

Recommended semester/trimester of the course: 1.

Course level: N

Prerequisities:

Conditions for course completion:

Learning outcomes:

Brief outline of the course:

Recommended literature:

Course language:

Course assessment Total number of assessed students: 29

abs	n
100.0	0.0

Provides: RNDr. Mária Spišáková, Ing. Zuzana Tkáčová, Ing.Paed.IGIP.

Date of last modification: 25.02.2018

Approved: Guaranteedoc. RNDr. Gabriela Andrejková, CSc.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	

Faculty: Faculty of Science	

Course ID: ÚINF/ QDG2/16	**Course name:** Digital education of teachers

Course type, scope and the method:
 Course type: Practice
 Recommended course-load (hours):
 Per week: Per study period: 24s
 Course method: present

Number of credits: 6

Recommended semester/trimester of the course: 2.

Course level: N

Prerequisities:

Conditions for course completion:

Learning outcomes:

Brief outline of the course:

Recommended literature:

Course language:

Course assessment
 Total number of assessed students: 28

A	B	C	D	E	FX
92.86	3.57	0.0	0.0	0.0	3.57

Provides: RNDr. Mária Spišáková, Ing. Zuzana Tkáčová, Ing.Paed.IGIP.

Date of last modification: 25.02.2018

Approved: Guaranteedoc. RNDr. Gabriela Andrejková, CSc.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Science

Course ID: ÚINF/ QDIN1/16	Course name: Didactics of informatics 1

Course type, scope and the method: **Course type:** Lecture **Recommended course-load (hours):** **Per week: Per study period:** 24s **Course method:** present

Number of credits: 6

Recommended semester/trimester of the course: 3.

Course level: N

Prerequisities:

Conditions for course completion: Assessment of preliminary sub-assignments (mindmap, learning objectives list, process of teaching). Methodology of teaching selected topics of computer science - Information about us, by the help of activating methods.

Learning outcomes: - To acquire an overview of the objectives, content, modern methods of teaching computer science. - To acquire skills in setting learning objectives. - To understand the methodology used to teach selected topics of computer science - Information about us

Brief outline of the course: The objectives and content of computer science education - State and School educational programme, textbooks.Graduation in computer science. Activating methods of teaching computer science. Methodology of teaching selected topics of computer science - Information about us,

Recommended literature: GUNIŠ, J., SUDOLSKÁ, M., ŠNAJDER, Ľ.: Ďalšie vzdelávanie učiteľov základných škôl a stredných škôl v predmete informatika - Aktivizujúce metódy vo výučbe školskej informatiky. Bratislava : Štátny pedagogický ústav,2009. ISBN 978-80-89225-96-5. GUNIŠ, J., ŠNAJDER, Ľ.: Ďalšie vzdelávanie učiteľov základných škôl a stredných škôl v predmete informatika - Metodika výučby tematickej oblasti Informácie okolo nás. Bratislava : Štátny pedagogický ústav,2010. ISBN 978-80-81180-30-9. KALAŠ, I. et al. Informatika pre stredné školy, Bratislava : SPN, 2001. ISBN 80-10-00157-0. Tematické zošity Tvorivá informatika pre základné školy, SPN Tematické zošity Informatika pre stredné školy, SPN

Course language:

Course assessment Total number of assessed students: 24

A	B	C	D	E	FX
33.33	16.67	33.33	16.67	0.0	0.0

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

Date of last modification: 25.02.2018

Approved: Guaranteedoc. RNDr. Gabriela Andrejková, CSc.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	

Faculty: Faculty of Science	

Course ID: ÚINF/ QDIN2/16	**Course name:** Didactics of informatics 2

Course type, scope and the method:
 Course type: Practice
 Recommended course-load (hours):
 Per week: Per study period: 24s
 Course method: present

Number of credits: 6

Recommended semester/trimester of the course: 4.

Course level: N

Prerequisities:

Conditions for course completion:
 Assessment of preliminary sub-assignments (motivation, practising, systemization and testing tasks).
 Graded collection of tasts with solutions on selected topics of computer science - Communication through ICT, Principles of ICT operation, Information Society.

Learning outcomes:
 - To acquire skills in tasks systems development, teaching test preparation.
 - To understand the methodology used to teach selected chapters of computer science - Communication through ICT, Principles of ICT operation, Information Society.

Brief outline of the course:
 Roles of questions and tasks in computer science education. Creation of stepwise assignments unit. Assessment of learning objectives of pupils. Didactical tests.
 Methodology of teaching selected topics of computer science - Communication through ICT, Principles of ICT operation, Information Society.

Recommended literature:
 GUNIŠ, J., ŠNAJDER, Ľ.: Ďalšie vzdelávanie učiteľov základných škôl a stredných škôl v predmete informatika - Tvorba úloh a hodnotenie žiakov v predmete informatika. Bratislava : Štátny pedagogický ústav, 2009. ISBN 978-80-81180-12-5.
 GUNIŠ, J., ŠNAJDER, Ľ.: Ďalšie vzdelávanie učiteľov základných škôl a stredných škôl v predmete informatika - Metodika výučby oblastí Princípy fungovania IKT a Informačná spoločnosť. Bratislava : Štátny pedagogický ústav, 2010. ISBN 978-80-81180-36-1.
 GUNIŠ, J., ŠNAJDER, Ľ.: Ďalšie vzdelávanie učiteľov základných škôl a stredných škôl v predmete informatika - Komunikácia prostredníctvom IKT. Bratislava : Štátny pedagogický ústav, 2010. ISBN 978-80-81180-12-5.
 KALAŠ, I. et al. Informatika pre stredné školy, Bratislava : SPN, 2001. ISBN 80-10-00157-0.
 Tematické zošity Tvorivá informatika pre základné školy, SPN
 Tematické zošity Informatika pre stredné školy, SPN

Course language:

Course assessment
 Total number of assessed students: 25

A	B	C	D	E	FX
48.0	36.0	12.0	4.0	0.0	0.0

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

Date of last modification: 25.02.2018

Approved: Guaranteedoc. RNDr. Gabriela Andrejková, CSc.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	

Faculty: Faculty of Science	

Course ID: ÚINF/ QDP/16	**Course name:** Didaktika programovania pre stredné a základné školy

Course type, scope and the method:
  Course type: Lecture
  Recommended course-load (hours):
  Per week: Per study period: 24s
  Course method: present

Number of credits: 6

Recommended semester/trimester of the course: 5.

Course level: N

Prerequisities:

Conditions for course completion:

Learning outcomes:

Brief outline of the course:

Recommended literature:

Course language:

Course assessment
 Total number of assessed students: 0

A	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0

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

Date of last modification: 25.02.2018

Approved: Guaranteedoc. RNDr. Gabriela Andrejková, CSc.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					

Faculty: Faculty of Science					

Course ID: ÚINF/ QINT/16	Course name: Internet				

Course type, scope and the method: **Course type:** Lecture **Recommended course-load (hours):** **Per week: Per study period:** 24s **Course method:** present					

Number of credits: 7					

Recommended semester/trimester of the course: 2.					

Course level: N					

Prerequisities:					

Conditions for course completion:					

Learning outcomes:					

Brief outline of the course:					

Recommended literature:					

Course language:					

Course assessment
 Total number of assessed students: 27

A	B	C	D	E	FX
25.93	18.52	14.81	11.11	25.93	3.7

Provides: RNDr. Peter Gurský, PhD., doc. RNDr. Jozef Jirásek, PhD.					

Date of last modification: 25.02.2018					

Approved: Guaranteedoc. RNDr. Gabriela Andrejková, CSc.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚINF/ QKIN0/16	**Course name:** Database systems

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 credits: 6

Recommended semester/trimester of the course: 1.

Course level: N

Prerequisities:

Conditions for course completion:

Learning outcomes:

Brief outline of the course:

Recommended literature:

Course language:

Course assessment
 Total number of assessed students: 28

A	B	C	D	E	FX
67.86	10.71	10.71	7.14	0.0	3.57

Provides: doc. RNDr. Stanislav Krajči, PhD., doc. RNDr. Csaba Török, CSc.

Date of last modification: 25.02.2018

Approved: Guaranteedoc. RNDr. Gabriela Andrejková, CSc.

COURSE INFORMATION LETTER

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

Course ID: ÚINF/ QKIN1/16	**Course name:** Selected topics in informatics				

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 credits: 8

Recommended semester/trimester of the course: 2.

Course level: N

Prerequisities:

Conditions for course completion:

Learning outcomes:

Brief outline of the course:

Recommended literature:

Course language:

Course assessment
 Total number of assessed students: 27

A	B	C	D	E	FX
70.37	18.52	7.41	3.7	0.0	0.0

Provides: doc. RNDr. Stanislav Krajči, PhD., RNDr. Zuzana Bednárová, PhD.

Date of last modification: 25.02.2018

Approved: Guaranteedoc. RNDr. Gabriela Andrejková, CSc.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Science

Course ID: ÚINF/ QKIN2/16	Course name: Selected topics in informatics

Course type, scope and the method:
  Course type: Lecture
  Recommended course-load (hours):
  Per week: Per study period: 24s
  Course method: present

Number of credits: 8

Recommended semester/trimester of the course: 5.

Course level: N

Prerequisities:

Conditions for course completion:

Learning outcomes:

Brief outline of the course:

Recommended literature:

Course language:

Course assessment
 Total number of assessed students: 0

A	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0

Provides: RNDr. Zuzana Bednárová, PhD., doc. RNDr. Stanislav Krajči, PhD.

Date of last modification: 25.02.2018

Approved: Guaranteedoc. RNDr. Gabriela Andrejková, CSc.

COURSE INFORMATION LETTER

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

Course ID: ÚINF/ QMAT/16	**Course name:** Introduction to mathematics for informatics

Course type, scope and the method:
  Course type: Lecture
  Recommended course-load (hours):
  Per week: Per study period: 24s
  Course method: present

Number of credits: 9

Recommended semester/trimester of the course: 1.

Course level: N

Prerequisities:

Conditions for course completion:

Learning outcomes:

Brief outline of the course:

Recommended literature:

Course language:

Course assessment
 Total number of assessed students: 29

A	B	C	D	E	FX
48.28	13.79	13.79	6.9	13.79	3.45

Provides: doc. RNDr. Stanislav Krajči, PhD., RNDr. Ondrej Krídlo, PhD.

Date of last modification: 25.02.2018

Approved: Guaranteedoc. RNDr. Gabriela Andrejková, CSc.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	

Faculty: Faculty of Science	

Course ID: ÚINF/ QOZP/16	**Course name:** Defence of thesis

Course type, scope and the method:
 Course type:
 Recommended course-load (hours):
 Per week: Per study period:
 Course method: present

Number of credits: 1

Recommended semester/trimester of the course:

Course level: N

Prerequisities:

Conditions for course completion:

Learning outcomes:

Brief outline of the course:

Recommended literature:

Course language:

Course assessment
 Total number of assessed students: 1

A	B	C	D	E	FX
0.0	0.0	100.0	0.0	0.0	0.0

Provides:

Date of last modification: 25.02.2018

Approved: Guaranteedoc. RNDr. Gabriela Andrejková, CSc.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Science

Course ID: ÚINF/ QPR1/16	Course name: Programming L1

Course type, scope and the method:
 Course type: Lecture / Practice
 Recommended course-load (hours):
 Per week: Per study period: 12s / 12s
 Course method: present

Number of credits: 9

Recommended semester/trimester of the course: 1.

Course level: N

Prerequisities:

Conditions for course completion:
 Evaluation of partial assignments.
 Written exam.

Learning outcomes:
 Design, implement and easy to verify algorithms in life that are expressed in different ways.
 Acquire basic knowledge and skills in programming in Imagine Logo (turtle graphics, control commands, procedures, components, events, processes).
 Acquire knowledge and skills in programming in Imagine Logo (data types, OOP, multimedia, network programs).

Brief outline of the course:
 Programming in Imagine Logo:
 Basics of turtle graphics, custom procedures
 Events of turtles, more turtles
 The shape of turtles, processes
 Data Types in Imagine Logo
 Different objects in Imagine
 Cartoon turtle shapes, classes
 Network Applications

Recommended literature:
 • Bezáková, D. – Lovászová, G. – Kučera, P.: Programovanie 1, ŠPÚ, Bratislava, 2009, ISBN 978-80-89225-65-1
 • Bezáková, D. – Lovászová, G. – Kučera, P. – Tomcsányi, P.: Programovanie 4 (Imagine), ŠPÚ, Bratislava, 2009, ISBN 978-80-8118-017-0
 • Blaho, A. – Kalaš, I.: Tvorivá informatika – 1. zošit z programovania. SPN, Bratislava, 2005, ISBN 80-10-00019-1

Course language:

Course assessment
 Total number of assessed students: 29

A	B	C	D	E	FX
10.34	13.79	24.14	34.48	10.34	6.9

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

Date of last modification: 25.02.2018

Approved: Guaranteedoc. RNDr. Gabriela Andrejková, CSc.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	

Faculty: Faculty of Science

Course ID: ÚINF/ QPR2/16	**Course name:** Programming L2

Course type, scope and the method:
Course type: Lecture / Practice
Recommended course-load (hours):
Per week: Per study period: 12s / 12s
Course method: present

Number of credits: 8

Recommended semester/trimester of the course: 2.

Course level: N

Prerequisities: ÚINF/QPR1/16

Conditions for course completion:

Learning outcomes:

Brief outline of the course:

Recommended literature:

Course language:

Course assessment
 Total number of assessed students: 26

A	B	C	D	E	FX
0.0	11.54	19.23	19.23	50.0	0.0

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

Date of last modification: 25.02.2018

Approved: Guaranteedoc. RNDr. Gabriela Andrejková, CSc.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	

Faculty: Faculty of Science	

Course ID: ÚINF/ QPR3/16	**Course name:** Programming L3

Course type, scope and the method:
 Course type: Practice
 Recommended course-load (hours):
 Per week: Per study period: 24s
 Course method: present

Number of credits: 8

Recommended semester/trimester of the course: 3.

Course level: N

Prerequisities: ÚINF/QPR2/16

Conditions for course completion:

Learning outcomes:

Brief outline of the course:

Recommended literature:

Course language:

Course assessment
 Total number of assessed students: 19

A	B	C	D	E	FX
0.0	10.53	31.58	15.79	42.11	0.0

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

Date of last modification: 25.02.2018

Approved: Guaranteedoc. RNDr. Gabriela Andrejková, CSc.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	

Faculty: Faculty of Science	

Course ID: ÚINF/ QPS1/16	**Course name:** Computer systems

Course type, scope and the method:
  Course type: Lecture
  Recommended course-load (hours):
  Per week: Per study period: 24s
  Course method: present

Number of credits: 8

Recommended semester/trimester of the course: 4.

Course level: N

Prerequisities:

Conditions for course completion:

Learning outcomes:

Brief outline of the course:

Recommended literature:

Course language:

Course assessment
 Total number of assessed students: 25

A	B	C	D	E	FX
36.0	24.0	8.0	8.0	24.0	0.0

Provides: doc. RNDr. Jozef Jirásek, PhD., RNDr. Juraj Šebej, PhD.

Date of last modification: 25.02.2018

Approved: Guaranteedoc. RNDr. Gabriela Andrejková, CSc.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	

Faculty: Faculty of Science

Course ID: ÚINF/ QPWS/18	**Course name:** Programovanie webových stránok

Course type, scope and the method:
  Course type: Lecture / Practice
  Recommended course-load (hours):
  Per week: 0 **Per study period:** 0 / 12s
  Course method: present

Number of credits: 4

Recommended semester/trimester of the course: 5.

Course level: N

Prerequisities:

Conditions for course completion:

Learning outcomes:

Brief outline of the course:

Recommended literature:

Course language:

Course assessment Total number of assessed students: 0

abs	n	z
0.0	0.0	0.0

Provides: PaedDr. Ján Guniš, PhD.

Date of last modification: 01.03.2018

Approved: Guaranteedoc. RNDr. Gabriela Andrejková, CSc.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	

Faculty: Faculty of Science	

Course ID: ÚINF/ QSZP/17	**Course name:** Pripravný seminár k záverečnej práci

Course type, scope and the method:
 Course type: Practice
 Recommended course-load (hours):
 Per week: Per study period: 12s
 Course method: present

Number of credits: 2

Recommended semester/trimester of the course: 3.

Course level: N

Prerequisities:

Conditions for course completion:

Learning outcomes:

Brief outline of the course:

Recommended literature:

Course language:

Course assessment
 Total number of assessed students: 24

abs	n
95.83	4.17

Provides:

Date of last modification: 25.02.2018

Approved: Guaranteedoc. RNDr. Gabriela Andrejková, CSc.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	

Faculty: Faculty of Science	

Course ID: ÚINF/ QTPS/16	**Course name:** Development of a pedagogical software

Course type, scope and the method:
  Course type: Practice
  Recommended course-load (hours):
  Per week: Per study period: 24s
  Course method: present

Number of credits: 6

Recommended semester/trimester of the course: 4.

Course level: N

Prerequisities:

Conditions for course completion:

Learning outcomes:

Brief outline of the course:

Recommended literature:

Course language:

Course assessment
 Total number of assessed students: 24

A	B	C	D	E	FX
4.17	29.17	20.83	20.83	20.83	4.17

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

Date of last modification: 25.02.2018

Approved: Guaranteedoc. RNDr. Gabriela Andrejková, CSc.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	

Faculty: Faculty of Science	

Course ID: ÚINF/ QWS/18	**Course name:** Tvorba webových stránok

Course type, scope and the method:
 Course type: Practice
 Recommended course-load (hours):
 Per week: Per study period: 24s
 Course method: present

Number of credits: 6

Recommended semester/trimester of the course: 3.

Course level: N

Prerequisities:

Conditions for course completion:

Learning outcomes:

Brief outline of the course:

Recommended literature:

Course language:

Course assessment
 Total number of assessed students: 27

A	B	C	D	E	FX
3.7	7.41	33.33	37.04	11.11	7.41

Provides: PaedDr. Ján Guniš, PhD.

Date of last modification: 25.02.2018

Approved: Guaranteedoc. RNDr. Gabriela Andrejková, CSc.

COURSE INFORMATION LETTER

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

Course ID: ÚINF/ QXE/16	**Course name:** Informatics and didactic of informatics

Course type, scope and the method:
 Course type:
 Recommended course-load (hours):
 Per week: Per study period:
 Course method: present

Number of credits: 1

Recommended semester/trimester of the course:

Course level: N

Prerequisities:

Conditions for course completion:

Learning outcomes:

Brief outline of the course:

Recommended literature:

Course language:

Course assessment
 Total number of assessed students: 1

A	B	C	D	E	FX
0.0	0.0	0.0	0.0	100.0	0.0

Provides:

Date of last modification: 25.02.2018

Approved: Guaranteedoc. RNDr. Gabriela Andrejková, CSc.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	

Faculty: Faculty of Science	

Course ID: ÚINF/ QZP/17	**Course name:** Seminár k záverečnej práci

Course type, scope and the method:
 Course type: Practice
 Recommended course-load (hours):
 Per week: Per study period: 12s
 Course method: present

Number of credits: 3

Recommended semester/trimester of the course: 5.

Course level: N

Prerequisities:

Conditions for course completion:

Learning outcomes:

Brief outline of the course:

Recommended literature:

Course language:

Course assessment
 Total number of assessed students: 0

abs	n
0.0	0.0

Provides: doc. RNDr. Gabriela Andrejková, CSc.

Date of last modification: 25.02.2018

Approved: Guaranteedoc. RNDr. Gabriela Andrejková, CSc.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	

Faculty: Faculty of Science	

Course ID: ÚINF/ QZPR/16	**Course name:** Thesis in informatics

Course type, scope and the method:
 Course type:
 Recommended course-load (hours):
 Per week: Per study period:
 Course method: present

Number of credits: 10

Recommended semester/trimester of the course: 5.

Course level: N

Prerequisities:

Conditions for course completion:

Learning outcomes:

Brief outline of the course:

Recommended literature:

Course language:

Course assessment
 Total number of assessed students: 1

abs	n
100.0	0.0

Provides:

Date of last modification: 25.02.2018

Approved: Guaranteedoc. RNDr. Gabriela Andrejková, CSc.