CONTENT

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	

Faculty:	

Course ID: ÚINF/ OPSP/16	**Course name:** ABAP and Object and Dialogue Programming

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: 3

Recommended semester/trimester of the course:

Course level: I., N

Prerequisities: ÚINF/RASP/16

Conditions for course completion:
 Conditions for continuous evaluation:
 Individual activities according to the teacher's assignment
 Conditions for the final evaluation:
 Final test (practical)
 Conditions for successful completion of the course:
 1. Active participation in teaching in accordance with the study regulations and according to the teacher's instructions.
 2. Mastering the conditions of the final evaluation in the overall expression at the level of at least 80%.

Learning outcomes:
 During teaching and especially in the final evaluation, the student demonstrates adequate mastery of the content standard of the course, which is defined by the course syllabus, and demonstrates mastery of the performance standard, within which the student has the ability to create screens and half-screens, can apply functional codes classes, inheritance and polymorphism.

Brief outline of the course:
 1. Create a screen, half screen.
 2.-3. Function codes.
 4.-5. Local and global classes, inheritance
 6. Polymorphism.
 7. Individual work for practice.

Recommended literature:
 Company literature of SAP. Available on-line: <http://www.sap.com>

Course language:
 slovak

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: 35					
A	B	C	D	E	FX
40.0	5.71	22.86	20.0	2.86	8.57
Provides:					
Date of last modification: 21.11.2021					
Approved:					

COURSE INFORMATION LETTER

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

Course ID: ÚINF/ RASP/16	**Course name:** Creation of Reports in ABAP

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: 3

Recommended semester/trimester of the course:

Course level: I., N

Prerequisities: ÚINF/ABSP/16

Conditions for course completion:
 Conditions for continuous evaluation:
 Individual activities according to the teacher's assignment
 Conditions for the final evaluation:
 Final test (practical)
 Conditions for successful completion of the course:
 1. Active participation in teaching in accordance with the study regulations and according to the teacher's instructions.
 2. Mastering the conditions of the final evaluation in the overall expression at the level of at least 80%.

Learning outcomes:
 During teaching and especially in the final evaluation, the student demonstrates adequate mastery of the content standard of the course, which is defined by the course syllabus, and demonstrates mastery of the performance standard, in which the student has the ability to read database tables, , knows the structuring of the code.

Brief outline of the course:
 1.-2. Reading database tables, selection screens, events.
 3.-4. Declarations and branching of programs, working with internal tables.
 5.-6. Function modules: upload, download and module creation, code structure, forms and includes.
 7. Individual work for practice.

Recommended literature:
 Company literature of SAP. Available on-line: <http://www.sap.com>

Course language:
 slovak

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: 38					
A	B	C	D	E	FX
65.79	10.53	2.63	0.0	15.79	5.26

Provides:

Date of last modification: 21.11.2021

Approved:

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	

Faculty:	

Course ID: ÚINF/ ABSP/16	Course name: Essentials of ABAP

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: 3

Recommended semester/trimester of the course:

Course level: I., N

Prerequisities: ÚINF/ZTSP/16

Conditions for course completion:
 Conditions for continuous evaluation:
 Individual activities according to the teacher's assignment
 Conditions for the final evaluation:
 Final test (practical)
 Conditions for successful completion of the course:
 1. Active participation in teaching in accordance with the study regulations and according to the teacher's instructions.
 2. Mastering the conditions of the final evaluation in the overall expression at the level of at least 80%.

Learning outcomes:
 During teaching and especially in the final evaluation, the student demonstrates adequate mastery of the content standard of the course, which is defined by the course syllabus, and demonstrates mastery of the performance standard, in which the student has the ability to create basic reports in the ABAP programming language, create queries and subsequently process the data using different data types, got acquainted with the selection screen and function modules.

Brief outline of the course:
 1.-2. Principles of programming in ABAP, declaration of variables, the basic syntax of the language ABAP Open SQL, ABAP Workbench navigation, ABAP editor.
 3.-4. Arithmetic, logic conditions, string operations, cycles, test programs using a debugger.
 5.-6. An overview of the most important commands of ABAP, definition elementary and structured data objects, functional groups and function modules.
 7. Individual work for practice.

Recommended literature:
 Company literature of SAP. Available on-line: <http://www.sap.com>

Course language:
 slovak

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: 68

A	B	C	D	E	FX
26.47	36.76	22.06	1.47	10.29	2.94

Provides:

Date of last modification: 21.11.2021

Approved:

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	

Faculty:	

Course ID: ÚINF/ ZTSP/16	Course name: Essentials of the SAP Technology

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:

Course level: I., N

Prerequisities:

Conditions for course completion:
 Conditions for the final evaluation:
 Final test (theoretical and practical)
 Conditions for successful completion of the course:
 1. Active participation in teaching in accordance with the study regulations and according to the teacher's instructions.
 2. Mastering the conditions of the final evaluation in the overall expression at the level of at least 80%.

Learning outcomes:
 During teaching and especially in the final evaluation, the student demonstrates adequate mastery of the content standard of the course, which is defined by the course syllabus, and demonstrates mastery of the performance standard, within which the student has a basic overview of enterprise information systems, SAP system, overview of processes in the system, overview of roles and profiles in SAP, controls basic navigation in the system, can start a specific transaction, manages data search and display, running multiple modes, creating favorites, can customize output formats and can create reports.

Brief outline of the course:
 1. Enterprise information systems - enterprise architecture, processes, deployment of enterprise IS. Introduction to mySAP technology. SAP - benefits, distribution, components, modules, transactions, economic benefits of deployment in the organization.
 2. SAP applications and components, overview of SAP solutions for large, medium and small businesses. SAP technology infrastructure (client / server architecture, transactions, client as a logically integrated organizational unit, job positions).
 3. SAP basics and navigation - login, SAP screen elements, form design, system movement, use of standard keys and screen icons, transaction start, input fields, command shortcuts, Favorites tab, user-specific settings.
 4. SAP basics and navigation - multiple modes, command shortcuts, searching and displaying data - variants, output format - changing and saving the layout, creating a report.
 5. SAP basics and navigation - Business Workplace, report printing, report export to local file, system information.

6.-7. Individual work for practice.

Recommended literature:
Company literature of SAP. Available on-line: <http://www.sap.com>

Course language:
slovak

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: 389

abs	n	neabs
96.66	1.03	2.31

Provides: RNDr. Slavka Blichová, Bc. Martin Tomko

Date of last modification: 21.11.2021

Approved: