

COURSE DESCRIPTION

Academic year: 2025/2026	
University: Comenius University Bratislava	
Faculty: Faculty of Management	
Course ID: FM.KIS/076AB/16	Course title: Computer Science
Educational activities: Type of activities: lecture / seminar Number of hours: per week: 2 / 2 per level/semester: 28 / 28 Form of the course: on-site learning	
Number of credits: 5	
Recommended semester: 1.	
Educational level: I., II.	
Prerequisites:	
Course requirements: Course requirements: The active participation on lectures and seminars (practical) on computers in MS Windows, MS Word and MS Outlook. Required: Students who participate in online Seminars must use the Microsoft Windows operating system with the Microsoft Office package installed. Examination: - Lectures: Midterm mandatory examination from lectures either via a Midterm test, or Midterm semester work in MS Word to achieve mandatory credit (points) for the Final exam of the course. The semester ends with Final exam of the course, either in written form (test) or oral form on-site. - Seminars (practical): Semester ends with project work in MS Word, to achieve mandatory credits (points) for the Final exam of the course. Scale of 100% assessment is split: 40% lectures: Midterm test/work (15 points) and Final test/oral exam (25 points). 60% seminar (practical): MS Word (60 points). The necessary condition for successful completion of the course is a minimum limit of 60% of each activity. In points: minimum 36 points from seminar (practical), to be able to participate on final test/exam, and minimum 24 points from lectures (the sum of Midterm and Final examination). Details for the seminar (practical) project: 1. Elaboration of project outline Deadline: according to the teacher's instructions (or by e-mail to the specified e-mail address), usually by mid-October. 2. Project elaboration Deadline: no later than the end of the teaching part of the semester, preferably at the last seminar, but always in electronic form to the address according to the instructions of the teacher. 3. The acquired knowledge from seminar is verified during the teaching part of the semester and forms an ongoing assessment. For submitting the project on time and successful project defense, the student can get additional points in the continuous assessment. However, each teacher determines the details of the continuous assessment. It is recommended to defend the project in front of	

the whole study group. The project defense usually may include a written and an oral checkout (theoretical and practical at the computer).
Scale of assessment (preliminary/final): 60/40

Learning outcomes:

Lectures: The knowledge of the presented topics and the related business value.

Practical: The knowledge of Microsoft Office Suite, mainly MS Word and MS Outlook, and a basic overview of Microsoft products, such as SharePoint, Excel, PowerPoint, Project Server, MS Teams, is necessary to gain knowledge of computer technology and computer networks and professional management skills with computer work, learn to work with the mail communication tool MS Outlook and the text program MS Word, learn to create professional documents and use MS Outlook as a tool for "time management".

Class syllabus:

Lectures:

History of modern computing and generations of computers, hardware, computer architecture, computer characteristics affecting computer performance, computer networks, network topologies, network architecture, communication methods, standards and protocols, telecommunication and telephone, general data protection regulation, physical object security and computer security, cloud computing, Internet of Things, and other related information technology topics.

Seminar (Practical):

Topic 1: MS Outlook product. Practice working with different ways of displaying in individual Outlook modules and working with contacts. Receiving and sending emails.

Topic 2: MS Word product. Gaining skills with working with the product.

Topic 3: Acquiring Skills with the Home, Insert, and View tabs.

Topic 4: The concept of paragraph, section and the use of section break.

Topic 5: Acquiring skills with working on the Layout tab.

Topic 6: Acquiring skills with working on the References tab.

Topic 7: MS Word mass correspondence.

Topic 8: Acquiring skills with working on the Review tab.

Topic 9: MS Word developer.

Topic 10: Acquiring additional knowledge about MS Outlook. Gaining skills in sorting e-mail and working with the Tasks, Calendar, Journal and Notes modules.

Topic 11: MS Outlook and MS SharePoint products' details.

Recommended literature:

[1.] Robert Furda, Michal Greguš: Computer Science for Managers, 1st edition, ISBN 978-80-223-4998-7, Comenius University, 2020

[2.] James A. O'Brien, George M. Marakas: Introduction to Information Systems, 15/e, ISBN 978-0-07-337677-6, McGraw-Hill, 2010

[3.] Kenneth Laudon, Jane Laudon: Essentials of MIS, 9th edition, ISBN-10: 0-13-611099-1, ISBN-13: 978-0-13-611099-6, Published by Prentice Hall, © 2011, <http://www.pearsonhighered.com/laudon/> Language necessary to complete the course: English language

Other recommended literature:

- Libor Gála, Jan Pour, Prokop Toman, Podniková informatika, Počítačové aplikace v podnikové a mezipodnikové praxi, Grada Publishing, Praha 2005, ISBN 80-247-1278-4

- Eleonóra Beňová, Michal Greguš: Výpočtová technika II, Univerzita Komenského, Bratislava 2004, ISBN: 80-223-2002-1

- Eleonóra Beňová, Michal Greguš: Excel – Aplikačný softvér pre manažérov, vyd. Merkury sro., 2006, ISBN 978-80-89143-49-8

- Petr Doucek, Řízení projektů informačních systémů, druhé vydání, Professional Publishing, Praha 2006, ISBN 80-86946-17-7
- Mark Humphries a kol: Data warehousing návrh a implementace, Computer Press, a.s., Praha 2002, ISBN 80-7226-560-1
- Josef Basl, Roman Blažíček: Podnikové informační systémy, Grada, Praha 2007, ISBN: 978-80-247-2279-5
- Gary B. Shelly, Misty E. Vermaat: Discovering Computers 2011-Introductory: Living in a Digital World, Cengage Learning, 2010, ISBN 9781439079416
- Sang C. Suh: Practical Applications of Data Mining, Jones & Bartlett Publishers, 2011, ISBN 9780763785871
- Nithyashri: System Software, Tata McGraw-Hill Education, 2010, ISBN 9780070671928
- Brian J.S. Chee, Curtis Franklin Jr.: Cloud Computing: Technologies and Strategies of the Ubiquitous Data Center, CRC Press, 2010, ISBN 9781439806173

Languages necessary to complete the course:

English language

Ethics:

The syllabus lists knowledge, skills, competences and transferable skills that the students will acquire by successfully completing the course. These will impact on their personal development and can be used both in their future careers and in their lives as active citizens in democratic societies.

Following the provisions of Internal Regulation of the Comenius University Bratislava - Internal system of ensuring the quality of higher education of the Comenius University Bratislava, *each student consistently achieves his/her study results honestly during his/her studies; does not cheat or use dishonest procedures during any form of verification of his study knowledge and knowledge.* Cases of violation of this provision can be assessed as a violation of obligations arising from legal regulations (...). Such an assessment may be associated with applying relevant legal consequences on an academic, (...) or disciplinary level.

Following the provisions of Internal Regulation of the Comenius University Bratislava - Disciplinary regulations of the Comenius University Bratislava for students, *a student's disciplinary offence is any form of writing off or illegal cooperation or hinting during the written or oral evaluation of study results (knowledge verification) or during preparation for it within the course, or the use of technical devices or any information carriers in a way other than permitted during the written or oral evaluation of study results (knowledge verification) or during preparation for it within the subject.* Some of the disciplinary measures may be imposed on the student for a committed disciplinary offence: reprimand, conditional expulsion from studies or expulsion from studies.

Notes:

Past grade distribution

Total number of evaluated students: 497

A	ABS	B	C	D	E	FX	M
9,86	0,0	24,55	20,52	11,87	8,45	24,75	0,0

Lecturers: Ing. Robert Furda, PhD., Ing. Alica Kačmariková, PhD.

Last change: 16.09.2025

Approved by: prof. Mgr. Anna Lašáková, PhD.