



Syllabus of the educational discipline
«Informatics»

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| Specialty | 073 Management |
| Study Programme | Logistics |
| Study cycle (Bachelor, Master, PhD) | the first (Bachelor) level of higher education |
| Course status | Mandatory |
| Language | English |
| Term | first year, first semester |
| ECTS credits | 4 credits |
| Workload | Lectures – 8 hrs. Laboratory studies – 40 hrs. Self-study – 72 hrs. |
| Assessment system | Grading |
| Department | Informatics and computer technologies, 702-06-74 (4-38), room 405 (main block), http://www.kafikt.hneu.edu.ua/ |
| Teaching staff | Gorokhovatskyi Oleksii, assoc. prof., Ph.D. |
| Contacts | oleksii.gorokhovatskyi@gmail.com |
| Course schedule | Lectures: according to the schedule Laboratory studies: according to the schedule |
| Consultations | At the Department of Informatics and computer technologies, offline, according to the schedule, individual, PNS chat. |

Learning objectives and skills:

is the formation of a system of competences for future specialists in matters of architectural principles of building and functioning of personal computers and computer networks, algorithmization and organization of computing processes, software, as well as acquiring competence in working with the help of modern computer technology and effective use of modern technologies in professional activities to solve various economic problems.

Structural and logical scheme of the course

| Prerequisites | Postrequisites |
|---------------|--|
| | Econometrics |
| | Training course "Computer accounting systems in enterprise management" |

Course content

Content module 1. Using the MS Office package to solve economic problems

Topic 1. Theoretical foundations of economic informatics

Topic 2. Technologies for creating and editing text documents

Topic 3. Using a spreadsheet processor to solve economic problems

Content module 2. Algorithmization of economic information processing problems. Basics of office programming

Topic 4. Algorithmization of economic information processing problems

Topic 5. Basics of office programming

Content module 3. Basics of Web design.

Topic 6. Network technologies

Topic 7. Organization of computer security and information protection

Topic 8. Basics of Web-design

Content module 4. Design and use of databases and data warehouses in the economics

Topic 9. Software tools for working with databases and data repositories



Topic 10. Prospects for the development of information technologies

Teaching environment (software)

Multimedia projector, S. Kuznets PNS, Corporate Zoom system, software: MS Exce, MS Office, Notepad++, 7zip

Assessment system

The University uses a 100-point cumulative system for assessing the learning outcomes of students.

Current control is carried out during lectures, practical, laboratory and seminar classes and is aimed at checking the level of readiness of the student to perform a specific job and is evaluated by the amount of points scored:

– for courses with a form of semester control as grading: maximum amount is 100 points; minimum amount required is 60 points.

The final control includes current control and assessment of the student.

Current control: laboratory works, self-studies work, written control works, tests for current work.

Semester control is carried out in the form of a semester exam or grading.

The final grade in the course is determined:

– for disciplines with a form of grading, the final grade is the amount of all points received during the current control.

More detailed information on assessment and grading system is given in the technological card of the course.

Course policies

Teaching of the academic discipline is based on the principles of academic integrity.

Violation of academic integrity includes academic plagiarism, fabrication, falsification, cheating, deception, bribery, and biased assessment.

Education seekers may be brought to the following academic responsibility for breach of academic integrity: repeated assessment of the corresponding type of learning activity.

More detailed information about competencies, learning outcomes, teaching methods, assessment forms, self-study is given in the Course program