Syllabus of the educational discipline
«Informatics»

Specialty	*073 Management*
Educational program	*073.030 Logistics*
Level of education	*Bachelor*
Discipline status	*Compulsory*
Teaching language	*English*
Course / semester	*1 course, 1 semester*
Number of credits ECTS	*4*
Distribution by types of trainings and hours of study	*Lectures – 8 hours.*
	Laboratory – 40 hours
	Independent training – 72 hours.
Form of final assessment	*Pass*
Department	*Informatics and computer technologies, 702-06-74 (4-38), room 405 (main block), http://www.kafikt.hneu.edu.ua/*
Teacher (-s)	*Gorokhovatskyi Oleksii, assoc. prof.*
Teacher's contacts	*oleksii.gorokhovatskyi@gmail.com*
Days of the classes	*According to the schedule*
Consultations	*According to the schedule, online, by request, individual*

The purpose of the discipline

The goal of the discipline is to form a system of competencies on the architectural principles of construction and operation of personal computers and computer networks for future professionals, algorithmization and organization of computational processes, software, as well as the acquisition of competence with modern computer technology and the efficient use of modern technologies in professional activities to solve various economic problems

Prerequisites for learning
Basic competencies to use personal computer

Content of the educational discipline
Content module 1. Using MS Office to solve economic problems
Topic 1. Theoretical foundations of economic informatics
Topic 2. Technologies for creating and editing text documents
Topic 3. Using a spreadsheets to solve economic problems
Content module 2. Algorithmization of economic information processing tasks. Basics of office programming
Topic 4. Algorithmization of economic information processing tasks
Topic 5. Fundamentals of office programming
Content module 3. Basics of Web-design
Topic 6. Network technologies
Topic 7. Organization of computer security and information security
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 warehouses
Topic 10. Prospects for the development of information technology

Course page on the Moodle platform (personal training system)	*https://pns.hneu.edu.ua/course/view.php?id=3542*
	The entire course content is posted: lectures, laboratory tasks, examples, additional and helpful materials

Assessment system of learning outcomes

Current control is carried out during the semester during lectures and laboratory classes and is estimated by the amount of points scored (maximum amount - 100 points; minimum amount - 60

points);

Modular control is carried out taking into account the current control for the relevant content module and aims at an integrated assessment of student learning outcomes after studying the material from the logically completed part of the discipline - the content module;

The final control is performed in the form of a semester test.

More detailed information on assessment is given in the technological roadmap of the discipline.

Accumulation of rating points in the discipline

Types of training	Max points
Active work at lectures	4
Active work at laboratory tasks	13
Passing the laboratory tasks	50
Presentation	3
Control works	10
Tests	20
Max points	**100**

Discipline policies
The policy of academic decency

More detailed information about competencies, learning outcomes, teaching methods, assessment forms, independent training is given in the Syllabus (working plan) of the educational discipline *(https://pns.hneu.edu.ua/mod/resource/view.php?id=252199)*

Syllabus approved at the meeting of the Department «30» June 2021. Protocol № 15.