



## Syllabus of the educational discipline «Informatics»

<b>Specialty</b>	<i>073 Management</i>
<b>Educational program</b>	<i>073.030 Logistics</i>
<b>Level of education</b>	<i>the first (Bachelor) level of higher education</i>
<b>Discipline status</b>	<i>mandatory</i>
<b>Teaching language</b>	<i>English</i>
<b>Course / semester</b>	<i>1 course, 1 semester</i>
<b>Number of credits ECTS</b>	<i>4</i>
<b>Distribution by types of trainings and hours of study</b>	<i>Lectures – 8 hours.</i>
	<i>Laboratory – 40 hours</i>
	<i>Independent training – 72 hours.</i>
<b>Form of final assessment</b>	<i>Grading</i>
<b>Department</b>	<i>Informatics and computer technologies, 702-06-74 (4-38), room 405 (main block), <a href="http://www.kafikt.hneu.edu.ua/">http://www.kafikt.hneu.edu.ua/</a></i>
<b>Teacher (-s)</b>	<i>Gorokhovatskyi Oleksii, assoc. prof.</i>
<b>Teacher's contacts</b>	<i>oleksii.gorokhovatskyi@gmail.com</i>
<b>Days of the classes</b>	<i>According to the schedule</i>
<b>Consultations</b>	<i>According to the schedule, online, by request, individual</i>
<b>The purpose of the discipline</b>	
<i>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</i>	
<b>Prerequisites for learning</b>	
<i>Basic competencies to use personal computer</i>	
<b>Content of the educational discipline</b>	
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	
<b>Course page on the Moodle platform (personal training system)</b>	<i><a href="https://pns.hneu.edu.ua/">https://pns.hneu.edu.ua/</a> The entire course content is posted: lectures, laboratory tasks, examples, additional and helpful materials</i>
<b>Assessment system of learning outcomes</b>	
<i>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);</i>	



*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**

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

**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*

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