



Syllabus of the educational discipline «Web programming»

Specialty	<i>121 Software Engineering</i>
Educational program	<i>Software Engineering</i>
Level of education	<i>The first (Bachelor) level of higher education</i>
Discipline status	<i>Mandatory</i>
Teaching language	<i>English</i>
Course / semester	<i>3 year, 5 semester</i>
Number of credits ECTS	<i>5</i>
Distribution by types of trainings and hours of study	<i>Lectures –24 hours. Laboratory studies – 24 hours. Self study – 102 hours.</i>
Form of final assessment	<i>Grading including Exam</i>
Department	<i>Information Systems Department, 61166, Kharkiv, Nauky Av., 9a, Simon Kuznets KhNUE, main building, office 413, tel. +38(057)702-18-31, extension tel.: 4-37, web site: https://kafis.hneu.net</i>
Teacher (-s)	<i>Dmitry Yevstrat, Associate professor, PhD</i>
Teacher's contacts	<i>Dmitry Yevstrat, dmitry.yevstrat@gmail.com,</i>
Days of the classes	<i>According to the schedule</i>
Consultations	<i>At the Information Systems Department, in-person, according to the schedule of consultations, individual</i>
The purpose of the discipline: students mastering a set of theoretical and practical knowledge on the basic principles of creating web-sites, techniques and skills of programming, description and layout of web-pages.	
Prerequisites for learning: Programming, Fundamentals of Algorithmization, Object-oriented programming.	
The content of the discipline	
Content module 1 <i>Fundamentals of modern Web-technologies</i> Topic 1. The structure and principles of building the Web Topic 2. HTML hypertext markup language Topic 3. Cascading CSS style sheets Topic 4. Methods of adaptive layout Topic 5. Modern CSS-frameworks Content module 2 <i>Interactive Web-technologies</i> Topic 6. JavaScript programming language Topic 7. DOM management using jQuery Topic 8. Javascript-frameworks for developing Web-applications Topic 9. Hosting and site promotion	
Material and technical support (software) of the discipline <i>Google Chrome, Visual Studio Code, Git</i>	
Course page on the Moodle platform (personal training system)	https://pns.hneu.edu.ua/
Assessment system of learning outcomes	
The system of assessment of the formed competencies takes into account the types of classes, which include lectures, laboratory classes, as well as the performance of independent work. Assessment of the formed competencies of students is carried out according to the accumulative 100-point system. The current control carried out during the semester during laboratory classes and independent work is estimated by the sum of points scored. The maximum possible number of points	



for the current and final control during the semester - 100 and the minimum possible number of points - 60.

Current control includes the following control measures: protection of laboratory works; tasks by topics; current control works; presentations on topics.

More detailed information on the assessment and accumulation of points in the discipline is given in the work plan (technological map) of the discipline.

Policies of the Discipline

The teaching of the discipline is based on the principles of academic integrity. Violations of academic integrity include: academic plagiarism, fabrication, falsification, write-off, deception, bribery, or biased evaluation. For violation of academic integrity, students are brought to the following academic responsibility: re-assessment of the relevant type of educational work

More detailed information about competencies, learning outcomes, teaching methods, assessment forms, independent training is given in the working plan of the educational discipline

Syllabus approved at the meeting of the Department of Information Systems. Protocol № 17 from 10.06.2022