



Syllabus of the educational discipline «IT Project Management»

Specialty	<i>I21 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>Department of Information Systems, 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>Chyrva Yuliia Yevgenivna, Ph.D., Associate Professor</i>
Teacher's contacts	<i>chirva_juliya2015@ukr.net</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, chat on the pns web site</i>
The purpose of the discipline: the formation of competencies on the basic approaches and principles of IT project management, use of practical tools for IT project management as members of project teams, awareness of the relationship between the theoretical basis of project management and its application	
Prerequisites for learning Programming, Basics of object-oriented programming	
Content of the educational discipline	
Content module 1 <i>Traditional approaches to IT project management</i>	
Topic 1. General provisions of software development project management.	
Topic 2. IT project management environment.	
Topic 3. International standards of project management. Basics of PMBOK.	
Topic 4. Project management based on the MSF standard.	
Topic 5. Team management and project quality.	
Topic 6. Project content and timing management.	
Topic 7. Risk management of IT project.	
Topic 8. Project resource management and project cost.	
Content module 2 <i>Management of flexible software development</i>	
Topic 9. Flexible management of IT projects.	
Topic 10. Agile project management methodology.	
Topic 11. SCRUM: command and processes.	
Topic 12. SCRUM: meetings and artifacts.	
Material and technical support (software) of the discipline <i>Multimedia projector, MS Project, Zoho project, Trello</i>	
Course page on the Moodle platform (personal training system)	https://pns.hneu.edu.ua/



Assessment system of learning outcomes

The assessment system of gained competencies takes into account the types of classes that are lectures, laboratory classes, as well as the doing of independent work. Assessment of the gained competencies of students is carried out on a cumulative 100-point system. Current control, conducted during the semester during the laboratory classes and independent work, is assessed by the sum of the accumulated points.

The maximum possible number of points for the current control during the semester - 60 and the minimum possible number of points that allows a student to take the exam - 35 points.

The maximum possible number of points for the final control in the semester - 40 and the minimum possible number of points - 25.

Coursework includes the following activities: assignments on the topics of laboratory works; tests

More detailed information about the assessment and accumulation of points on the academic discipline is given in its working plan.

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