



Syllabus of the educational discipline «IT project management technologies»

Specialty	<i>F6 "Information systems and technologies"</i>
Educational program	<i>Information systems and technologies</i>
Study cycle (Bachelor, Master, PhD)	<i>Master</i>
Course status	<i>Elective</i>
Language	<i>English</i>
Term	<i>1 year of study, 2 semester</i>
ECTS credits	<i>5 credits</i>
Workload	<i>Lectures – 12 hours.</i>
	<i>Laboratory – 28 hours.</i>
	<i>Independent work - 110 hours.</i>
Assessment system	<i>Exam</i>
Department	<i>Information systems department, 413 main building, tel. (057) 702-18-31 (ext. 4-37), website of the department: http://www.is.hneu.edu.ua/</i>
Teaching staff	<i>Yuliia Chyrva, Associate Professor, Candidate of Economic Sciences</i>
Contacts	<i>chirva_juliya2015@ukr.net</i>
Course schedule	<i>Lectures: according to the current class schedule Laboratory: according to the current class schedule</i>
Consultations	<i>At the information systems department, face-to-face, according to the consultation schedule, individual, chat in PLS</i>

The purpose of the course: *formation of a system of theoretical knowledge and practical skills in IT project management technologies, in particular, in the role of members of project teams in the conditions of active development of the industry in Ukraine*

Structural and logical scheme of the course

Prerequisites	Post-requisites
Development and implementation of IS	Complex training Pre-diploma practice Diploma work

Course content

Content module 1 *Theoretical foundations and methodological support of IT project management*

Topic 1. General provisions of software development project management. Life cycle of the project.

Topic 2. International project management standards. PMBOK Basics.

Topic 3. Project management based on the MSF standard. Team and project quality management.

Content module 2 *Practical aspects of IT project management. Agile methodology*

Topic 4. Management of the content, terms, risks, resources and cost of the IT project.

Topic 5. Agile project management methodology.

Topic 6. Scrum: team and processes, meetings and artifacts.



Teaching environment (software)

Distance learning tools: Website of personal learning systems: <https://pns.hneu.edu.ua>. Library: <http://library.hneu.edu.ua> Repository: <http://www.repository.hneu.edu.ua>. Auditoriums of the university (Kharkiv, Nauki Ave. 9A).

Multimedia equipment: projector, laptop/computer, Internet access, software: Microsoft Windows, Microsoft Office, MS Project, Zoho project, Trello

Assessment system

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

Current control is carried out during lectures, laboratory 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 an exam: maximum amount is 60 points; minimum amount required is 35 points.

The final control includes current control and an exam

Semester control is conducted in the form of a semester exam (exam). The semester exam (exam) is conducted during the exam session.

The maximum number of points that a student of higher education can receive during the examination (examination) is 40 points. The minimum amount for which the exam is considered passed is 25 points.

The final grade in the course is determined: for disciplines with a form of exam, the final grade is the amount of all points received during the current control and the exam grade.

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

Course policies

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

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

Educational students 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