



Syllabus course
Innovative education technologies

Educational qualification level – master
Branch of knowledge 011 Education, Pedagogy
Specialty 013 Primary Education
Educational and professional program "Primary Education"
Year teaching: 1
Semester: 2
Number of credits: 5
Teaching language: English

Head course

Ph.D. in Economic sciences, Associate Professor of the Educology and Pedagogy Department
Antonina Demyanyuk

Ph.D. in Philological Sciences, senior lecturer of the Educology and Pedagogy Department **Nataliia Livitska**

Contact information a.demianiuk@wunu.edu.ua, n.livitska@wunu.edu.ua

Discipline description

Discipline "Innovative educational technologies" directed on professional training of specialists taking into account need further modernization domestic systems multi-level education designed to train a new generation of scientific and pedagogical personnel for higher education with pronounced professional and pedagogical potential, the ability and desire to realize themselves in the conditions of transformational transformations. The purpose of studying an academic discipline is to provide general pedagogical and professional training of the future specialist, to teach students thoroughly knowledge of the theoretical foundations of modern innovative pedagogy, to form the skills and abilities necessary for the organization of the educational process in the conditions of education reform.

Course structure

hours (lec. / practice)	Topic	The results teaching	Task
4 / 2	1. Technologies in the field of education: varieties content, features	Know and understand essence concepts "educational technologies", "pedagogical technologies", "educational technologies", use own examples to illustrate answers, find common features and differences in comparable facts, phenomenon characterize certain phenomena. To single out positive acquisitions and limits of traditional application educational technologies. Traditions and innovations in the pedagogical field.	Questions, situational tasks

4 / 2	2. Innovative technologies: concept, content, implementation conditions	Understand the essence of concepts "innovation", "innovative", "innovative technology". To learn species innovations in education and their classification; features of an innovation-oriented approach in education. Search, process and analysis professionally important knowledge from various sources using modern technologies; to be able to conduct an analytical search for a suitable one to formulated problems scientific information and evaluate it according to adequacy criteria. To organize the educational process on the basis of modern achievements of educational and pedagogical sciences, to manage educational and cognitive activities.	Questions, situational tasks
4 / 2	3. Technologies personally oriented educational process	Learn the requirements for person-oriented technologies, their main goals and objectives; features forms organizations teaching in system of developmental education. To be able to implement the technology in practice motivation success; coach technology as a person-oriented approach to learning and development.	Questions, situational tasks
4 / 2	4. Innovative technologies in the education system	Know different approaches to teaching methods; provide development opportunities and personality formation with taking into account different conditions conducting classes, courses as forms of organizing training, independent educational and cognitive activities; be able to apply information and communication technologies in the learning process, in particular, the technology of problem-based learning, the technology of developing critical thinking.	Questions, situational tasks
4 / 2	5. Psychological and pedagogical essence interactive methods teaching	To learn psychological and pedagogical essence collective and group learning technologies. To be able to use the technology of business game and situational modeling in practice. Types of situational modeling and their characteristic.	Questions, situational tasks
4 / 2	6. Technologies of situation analysis and cerebral assault in the context of mastering the content of innovative educational technologies	To learn psychological and pedagogical essence technology of situation analysis, brainstorming. Be able to clearly formulate the goal, ensuring maximum freedom thoughts and respect for colleagues. The ability to create a creative, purposeful and conflict-free the atmosphere and direct discussion Develop and conduct classes, courses, using methods, tools and technologies necessary to achieve the set goals.	Questions, situational tasks
4 / 1	7. Application of remote and media technologies teaching as an innovation in the educational process	Provide opportunities for development and personality formation, taking into account various conceptual approaches to the organization of the education process in modern conditions. Implementation of the principle of technologization in the educational system. Implementation and development of SMART education in Ukraine. Realization remote training based on modern technologies.	Questions, situational tasks

4 / 1	8. Technology formation of a creative personality	To be able to develop one's own resources, which are necessary for innovative professional activity. Creativity and creative abilities of a person. Master creative technologies of education and upbringing; technologies of life design and self-realization of the individual. Have the ability to adhere to the norms of professional ethics in professional activities and be guided by universal values; to guide the educational process in modern conditions.	Questions, situational tasks, tests
-------	---	---	-------------------------------------

References

1. Antonyuk L. Implementation of innovative technologies in the educational process. *School management*. 2019. No. 22–24. P. 88–91.
2. Atomanyuk I. I. Implementation of innovative technologies in the educational process. *School management*. 2019. No. 18. P. 78–96.
3. Horbatiuk O.V. Distance education in Ukraine: features and main problems. *Pedagogical education: theory and practice*. 2020. Issue 28. P. 15-25.
4. Danylenko, L.I. and Karamushka, L.M. (ed.), 2003. *Educational management: ed. manual*. Kyiv: School World, 400 p.
5. Demyaniuk A., Bilous I., Krychivska O. Distance education in emergency conditions and crisis situations. *Perspectives and innovations of science*. 2022. Issue No. 8(13). P. 99 - 109.
6. Demyaniuk A., Bilous I. Modern educational technologies in the conditions of information society development. *Innovative pedagogy*. 2022. Issue 54. Volume 1. P. 9–12.
7. Demyaniuk A. Innovativeness of the educational process in the context of the application of distance learning technologies. *Scientific innovations and advanced technologies*. 2023. No. 4(18). P. 380-389.
8. Innovative learning technologies in the conditions of modernization of modern education: a monograph / by Nauk. ed. d. ped. n., prof. L. Z. Rebuhy. Ternopil: ZUNU, 2022. 145 with.
9. Klimko L. V. Innovative educational environment in the conditions of education reform. *School management*. 2019. No. 22–24. P. 80–82.
10. Maksymovich Z., Varenysia L., Bilyk M. Design technology (theory, experience). URL: <http://www.literacy.com.ua/fizika/284-proektna-tekhnolohiia/855-proektna-tekhnolohiia.html>
11. Popova, O. V., 2001. Formation and development of innovative pedagogical ideas in Ukraine in the 20th century. Kharkiv: OVS, 256 p.
12. Slushnyi O. Innovative educational technologies in the activity of a teacher of the 21st century. *Pedagogical sciences: theory, history, innovative technologies*. 2021. No. 2 (106). P. 150-159.
13. Fedirchuk T.D., Nikula N.V. Management of innovative activities of general secondary education institutions in the context of implementation of the "New Ukrainian School" concept. *Pedagogical education: theory and practice*. 2020. Issue 28. S. 154 - 163.
14. Fedorchenko, S.V. Distance education and the place of psychological provision in it. *A young scientist*. 2019. No. 9 (73). S. 51–54.
15. Basharat Khadim Mobile Learning and Education in The Digital. URL: <https://elearningindustry.com/mobile-learning-education-digital-age>
16. David D. Kumar, Daryl E. Chubin. Science, Technology, and Society: Education A Sourcebook on Research and Practice. URL: https://www.amazon.com/gp/product/B000QE5IZ2?ref_=dbs_m_mng_rwt_calw_tkin_4&storeType=ebooks
17. David W. Brooks, Diane E. Nolan, Susan M. Gallagher. Web-Teaching: A Guide to Designing Interactive Teaching for the World Wide Web. URL: https://www.amazon.com/gp/product/B000QXDBT8?ref_=dbs_m_mng_rwt_calw_tkin_0&storeType=ebooks
18. International Society for Technology in Education, "ISTE standards for educators". URL: <https://www.iste.org/standards/for-educators>
19. Olena Dovgal, Olena Havrylova, Natalia Potryvaieva, Natalia Tolstova, Taras Ostapchuk, Natalia Onyshchenko. Application of Innovative Technologies in Higher Education Institutions of Ukraine: Forms and Methods. *International Journal*

of Computer Science and Network Security, VOL.21 No.5, May 2021. ULR: <https://www.koreascience.or.kr/article/JAKO202121055675007.pdf>

20. Savitska, V., Livitska, N. (2022). Academic Mobility of Students in the Conditions of Digitalization of Higher Education. Adam Marszałek Publishing House [Wydawnictwo Adam Marszałek]. Available at: https://www.academia.edu/75746088/ACADEMIC_MOBILITY_OF_STUDENTS_IN_THE_CONDITIONS_OF_DIGITALIZATION_OF_HIGHER_EDUCATION

21. Livitska N. (2021) Activation of the student's cognitive and creative abilities in the conditions of innovative changes in education. – Materials of the international conference: Innovations in education: realities and prospects of development. [in Ukrainian] URL: http://dep.wunu.edu.ua/wp-content/uploads/2021/12/Матеріали_II_Міжнар_наук_практ_конференції_Інновації_в_освіті_реалії_та_перспективи_ро_звітку_листопад_2021.pdf#page=190

Policy assessment

● **Deadlines and rescheduling policy:** Students are required to adhere to established deadlines, and if they are violated without a valid reason, the grade for the assignment may be reduced. Rearranging modules takes place with the permission of the dean's office if there are good reasons (for example, sick leave).

● **Policy on academic integrity:** Copying during module tests and exams is prohibited (including using mobile devices). Mobile devices are only allowed to be used during online testing (eg Kahoot).

● **Attendance policy:** For objective reasons (for example, illness, international internship), training may take place online upon approval of the course director.

Assessment

final rating by course is calculated next as follows:

Module 1		Module 2	Module 3	Module 4
20%	20%	5%	15%	40%
Current rating*	Modular control**	Trainings	Independent work	Exam
Arithmetic average of the scores obtained during the survey at each practical session.	Modular control work (topics 1-8)	Evaluation for the completed task	Evaluation for the completed task	Theoretical question 1 – max. 25 points Theoretical question 2 – max. 25 points Tests (25 tests) - max. 50 points.

* Evaluation for the current evaluation is defined as the arithmetic average of the evaluations received during classes (each student must be evaluated in each practical session). Missing practical classes must be worked out during consultation hours, otherwise they are considered a grade of "0" and are taken into account when determining the arithmetic average. For applicants who study according to an individual schedule, current assessment is carried out during consultations and by completing tasks in the Moodle system .

** The modular control work is conducted in Moodle and consists of two parts: test tasks (20 tests, max. 80 points) and one theoretical question (max. 20 points).

Rating scale:

ECTS	Points	Content
A	90-100	Perfectly
B	85-89	Good
C	75-84	good
D	65-74	satisfactorily
E	60-64	enough
FX	35-59	unsatisfactorily with possibility repeated drafting
F	1-34	unsatisfactorily with mandatory repeated course