

**Code and title of specialty (direction):** 015 Vocational Education (by Subject Specialization).

**Title of specialization:** Computer technologies

**Code and title of the field of knowledge:** 01 "Education"

**Qualification:** Master of Vocational Education, Computer Technology Lecturer.

**Number of credits:** 90 ECTS credits

**Grade of higher education:** the second (Master), corresponds to the seventh qualification level of Ukrainian National Framework of Qualifications.

**Requirements to the previous education grade:** a person has the right to acquire a Master's degree in case of possession of a Bachelor's or a Specialist degree in appropriate directions of education. Provided that the previous degree was obtained in another country, it requires nostrification.

**Qualification requirements:** the higher education document is issued to a person who had successfully completed the educational program and was certified. Graduation certification is carried out by assessing the degree of competence formation. Form of attestation – public defense of a Master's thesis.

**Program study results:** to know the pedagogical activity specifics of the computer technologies teacher; to identify perspective trends in the vocational education development; to apply the latest engineering and pedagogical technologies for professional problems solving; to use the basic methodological approaches to the educational process organization in the context of pluralism and variability of educational practices; to take into account psychological peculiarities of cognitive processes in the design and organization of educational and cognitive students activities; to model the work system of the spiritual and cultural values formation of student youth; to use information technology to process and analyze the experimental results of research; to speak English at a level above the average. Technological professional activity: to use systematized theoretical and practical knowledge in the field for the definition and research tasks solving; to own basic procedures and scientific research methods; to introduce computers and computer systems and networks in the professional activity field; to use in practice methods for various computational tasks algorithmization, including engineering and pedagogical tasks in the specialty, block diagram development of tasks based on state standard algorithmization knowledge; to have the necessary knowledge in the field of standard tasks programming, the rules using, algorithmization methods and principles for the programs development; to make explanation, program debugging, correct interpretation of the work results. Organizational professional activity: to design, implement, evaluate and correct the educational process in educational institutions; to organize the use of computers and computer systems and networks. Management professional activity: on the basis of the acquired system knowledge of legislative acts in educational activities, of general and specific management functions in the educational sphere, of methodological approaches to the organizational structures formation, to form the concept of an educational institution, mission and goals of activity; to solve the management problems of information systems.

**Employment competences:** Master of specialty 015 " Vocational education" may hold positions in computer centers, scientific, tool-design, design organizations, higher educational institutions: computer engineer researcher, computer system administrator or network administrator; computer software engineer, computer system analyst, assistant, teacher of a higher education institution, teacher of vocational education and training institution.

**Further study perspective:** Master of specialty 015 " Vocational education" can continue studying in postgraduate school.

**Department graduating a student with degree:** Department Of Pedagogy.

**Institute / Faculty:** faculty of humanities, psychology and pedagogy.

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