

**Code and title of specialty (direction):** 015.01 “Vocational Education. Computer technologies”.

**Title of specialization:** Computer technologies

**Code and title of the field of knowledge:** 0101 “Teacher education”.

**Qualification:** Bachelor of Vocational Education (Computer Technologies).

**Number of credits:** 240 ECTS credits.

**Grade of higher education:** the first (Bachelor), corresponds to the sixth qualification level of Ukrainian National Framework of Qualifications.

**Requirements to the previous education grade:** a person has the right to obtain a bachelor's degree, provided that he has completed general secondary education or education in the educational program of a junior bachelor in the corresponding specialty. 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 graduate thesis.

**Program study results:** Students gain the necessary knowledge to carry out the algorithmization of various computational problems, including engineering and pedagogical tasks in the specialty, to develop tasks block diagram based on state standard algorithmization knowledge. The broad and fundamental theoretical training required to solve pedagogical and educational tasks is combined with appropriate practical training. Specialists in computer technology have the necessary knowledge in standard tasks programming, applying rules, methods and principles algorithmization for program development; program explanation and adjustment, correct interpretation of their work results.

The future specialists possess: principles of technological circuits development and procedures of work planning, hardware, software and tools selection for production process support; operation basics of equipment and technological process automated control systems; knowledge of computer science, modern information- technology support of educational and production processes; knowledge of modern hardware and software capabilities; construction principles of the spatial forms images; principles of technical products designing and graphics system AutoCAD operation; principles of modern information and communication technologies work; principles of distance learning building; knowledge of the general theoretical disciplines basics in the extent necessary for solving pedagogical and organizational problems; ways of collecting, systematizing, generalizing and information using, research conducting and methodological work in the specialty, information and scientific and methodological materials preparing.

Future professionals are able to work with a personal computer as a qualified user.

**Employment competences:** Bachelor of Direction 015.01 “Vocational Education (Computer Technologies)” may take the positions of vocational school teacher, tutor, industrial training instructor, industrial training master, training center master, teacher-trainer, industrial practice technologist, the educational laboratory head, the head of the workshop, the labor teacher, the teacher of informatics, the senior laboratory assistant on educational process, the technician-programmer, system administrator, a computer operator, head of computer services department, the referent, the main activity referent.

**Further study perspective:** Bachelor of Vocational Education (Computer Technologies) can continue his education at the qualification level specialist 015.01 “Vocational Education. Computer Technologies” and master 015.10 “Vocational Education. Computer Technologies”, 011.01 “Higher Education Pedagogy”.

**Department graduating a student with degree:** Department of Pedagogy, Department of Computer Engineering.

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

**Educational program supervisor:** Halyna Shevchenko, Doctor of Pedagogical

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