**The name of the academic discipline:**

**“Electronic Systems for Teaching Computer Science”**

|  |  |
| --- | --- |
| **Specialty code and name** | 7-06-0113-04 Physical and Mathematical Education |
| **Year of study** | 1 |
| **Semester of study** | 1 |
| **Number of in-class academic hours:** | 36 |
| **Lectures****Seminar classes** **Practical classes****Laboratory classes** | 12 |
| – |
| 24 |
| – |
| **Form of the current assessment (*credit/ graded credit /exam*)** | credit  |
| **Number of credit points** | 3 |
| **Competences** | Mastering the academic discipline "Electronic Systems for Teaching Computer Science" should ensure the formation of specialized professional competence: designing an educational process aimed at developing the information culture of students in accordance with modern scientific achievements. |
| **Summary of the academic discipline:**History of development and use of technical means in the educational process. Visual aids in teaching. Technical means of transmission, recording, storage and reproduction of information.Electronic textbooks and educational and methodological complexes. Internet technologies of information support of education. Use of network resources of the educational institution in the educational process. Internet navigation tools. Educational and information complexes. Electronic textbooks.Distance learning tools. Fundamentals of designing interactive teaching methods using modern teaching tools.Creation and preparation of visual aids. Methodological principles of preparation of electronic visual and didactic materials by means of office technologies.Monitoring the quality of assimilation of educational material. Compilation of test tasks of various types and answer options for them. Creation of crosswords and web pages with tasks for students. Methodology for developing educational computer programs.Interactive computer board. Device, principle of operation and maintenance of an electronic board. |