**The name of the academic discipline:**

**“Workbook on solving tasks in computer science”**

|  |  |
| --- | --- |
| **Specialty code and name** | 1-02 05 01 Mathematics and Informatics |
| **Year of study** | 4 |
| **Semester of study** | 7 |
| **Number of in-class academic hours:** | 44 |
| **Lectures****Seminar classes** **Practical classes****Laboratory classes** | 16 |
| - |
| - |
| 28 |
| **Form of the current assessment (*credit/ graded credit /exam*)** | exam  |
| **Number of credit points** | 3 |
| **Competences** | BPC-10 Apply methods and technologies of algorithmization and programming to implement the educational process. SC-4 Apply methods of algorithmization in various programming environments. |
| **Summary of the academic discipline:**The academic discipline is aimed at students’ in-depth understanding of methods, techniques and algorithms for solving problems in the subject “Computer Science”. This course examines algorithms for working with string data, data structures, algorithms for working with graphs and principles of dynamic programming. |