Academic discipline:
" Implementation of interdisciplinary connections of mathematics and physics "

Code and name of specialty	1-02 05 02 Physics and Informatics
Training course	2
Semester of training	3
Number of class hours:	24
Lectures	-
Seminar classes	-
Practical classes	24
Laboratory classes	-
Form of current assessment (credit/differential credit/exam)	-
Number of credits	-
Competencies to be formed	To apply techniques and methods of problem solving to perform tasks of school courses in physics, mathematics and computer science

Summary of the content of the academic discipline:

Coordinate solution method in physics.

Vector method for solving physical problems.

The method of composing a system of equations. A system of identical equations.

The method of composing a system of equations. A system of equations of conservation laws.

A method for solving problems set graphically.

A graphical method for solving physical problems.