The name of the academic discipline:
«Analytic geometry»

Code and name of specialty	1-02 05 01 Mathematics and Informatics
Training course	1
Semester of training	1/2
Number of class hours:	110
Lectures	52
Seminar classes	-
Practical classes	58
Laboratory classes	-
Form of current assessment (credit/differential credit/exam)	exam / exam
Number of credits	6
Competencies to be formed	Mastering the academic discipline "Analytical Geometry" should ensure the formation of basic professional competencies: apply methods for studying the equations of curves and surfaces to solve geometric problems.

Summary of the academic discipline:
"Analytical geometry" is an academic discipline that includes the following sections (disciplines): elements of vector algebra, the method of coordinates on a plane, a straight line on a coordinate plane, second-order lines, methods of coordinates in space, vector and mixed product of vectors, planes and lines in space, surfaces of the second order, polyhedra. - mastering the basic concepts of analytical geometry, the formation of systematic knowledge about the coordinate-vector method and the skills of its application to solve theoretical and practical problems.