

Summary description of the credit module "Computer Graphics"

The course "Engineering and computer graphics" generally refers to generally cycle engineering disciplines design direction. But given that its aim (and the condition of the study) is also developing spatial, logical and algorithmic thinking of students, it is also a fundamental discipline.

Engineering and Computer Graphics is the foundation for further study of all disciplines of engineering and general engineering profiling cycles for all specialties of the Faculty instrument.

In turn, based on its study school courses of geometry and solid geometry. The student should be able to:

- draw design documents according to the requirements of existing standards;
- perform design and engineering documents using CAD systems;
- create and use drawings in various stages of design.
- apply knowledge of computer graphics, modern information technologies in the study of other subjects and in their future careers.