

ROLE OF APPLICATION OF REVIT, LIRA AUTOCAD PROGRAMS IN DESIGN OF BUILDINGS AND CONSTRUCTIONS

On November 22, 2019, at the college at KazGASA, according to the program of the International scientific and practical seminar "Interdisciplinary integration in the implementation of the competency-based approach in the era of globalization", a master class was held on assisting a prototype of an individual residential building. prof. College at KazGASA Praliyeva G.Zh. and assistant. prof. Zhylkaidarov A.M.

The purpose of this master class was to demonstrate the creative process of finding the optimal solution for building a three-dimensional model of a building, since when working on any project, transforming in a certain sequence is a part of the design process.

The BIM program approach makes it very easy to create coherent architectural designs. Architectural software of this type also allows you to instantly calculate the mass of the building, the amount of necessary materials and its total cost, and it is easy to build and implement the desired model of the building in a short time assignment for the design of the customer.

BIM software, such as Revit, is designed for architects, designers, and related engineers. The Lira program is designed for structural designers. Shared programs facilitate collaboration between teams and ensures that conflicts between different aspects of the project are noticed long before the actual construction.

