

Summary of discipline Three-dimensional Computer-aided Design The course "three-dimensional design on the computer" is one of special subjects studied by students specialty "Instrument".

The course aims to give students knowledge on how design details typical hardware devices on a system SolidWorks, give the basic principles of their three-dimensional representation on a computer.

During the study course students using the knowledge gained in the courses "Applied Mechanics", "Engineering Graphics", "Design Elements devices and computer systems", imparted and skills to conduct engineering analysis elements and mechanisms to choose materials, establish the accuracy and quality surface details to make the necessary software components using apparatus and computer science.