

Summary of discipline Design of Equipment Components.

GENERAL INFORMATION

Discipline variant of the Bachelor program choice for university.

The course aims to give students knowledge of methods of design elements typical of devices and components, as well as the basic principles of settlement.

During the study course imparted and skills to conduct engineering analysis elements and mechanisms to choose material set accuracy and surface quality, as well as specifications for details production efficiency and technological design, and apply the necessary mathematical tools and computer equipment. The course is based on the following disciplines: philosophy, engineering graphics, physics, additional physics course, Metrology and interchangeability, theoretical mechanics and provides the successful assimilation of a number of special subjects to be studied in future: technology instrumentation, assembly, repair and testing devices. During the study course, students attend lectures, perform calculation and graphic work.