

## **Annotation**

In this diploma project, a system for monitoring and controlling access to the University was designed using the "Castle" ACS and the "Castle" software program. And it was explained what advantages and advantages the University will get not only in terms of information security, but also in General in the working system. For this purpose, the "Castle" system was installed on the designed plan, and cost calculations were made. The operating principle of the system and its software was described in detail.

In the section life Safety, a calculation was made for fire extinguishing and artificial lighting, as well as analyzed the working conditions of the administrator, fire behavior, ergonomic requirements and electrical safety.

In the section Risk Assessment, we assess the risks that arise after the establishment of the ACS system in the University. For the project, a risk assessment method was chosen based on two parameters. After that, we analyze the risks using CORAS methodologies.