

**Annotation to discipline
“Mechanized transport systems”**

Total work content of discipline learning is 3 points of credit (108 hours).

Purpose of discipline. To shape students' knowledge about the mechanization of cargo transportation processes in mining enterprises.;

To shape a theoretical knowledge of the application of mechanization in existing schemes of transport and transport systems in the design of mining companies. Providing practical skills to improve transport technology and organization of production processes to increase the efficiency of the development of mineral resources. Prepare students for further study of subjects related to the automation of the processes of transportation in the development of mineral deposits and production activities in mining enterprises.

Tasks of discipline. To explain the purpose structure and various types of mechanized transport, technology and operational characteristics of the rolling stock for electric haulage in mines main provisions of traction calculations, design and construction vehicles; methodology of the calculation of operating various types of mining transport, special and fundamentally new types of mechanization processes, transportation, transport, auxiliary materials , people and equipment.

Main didactic units (parts).

The general idea about mechanized transport systems;

The current state and problems of the mechanization of transport systems;

Choice of means of mechanization of transport in mines;

The calculation of the basic parameters of mechanized transport complexes.