

Annotation to discipline

“Assembly and maintenance of transport complexes”

Total work content of discipline learning is 2 points of credit (72 hours).

Purpose of discipline. To shape the students' knowledge about modern technologies, processes and different types of mining transport. To give to prospective specialists of mining transport theoretical knowledge and practical skills in organizing and exploitation of transport systems. To prepare students for further learning of disciplines connected with technology of open cut mining of mineral products and for operational procedures in concessions.

Tasks of discipline. To grasp the function, structure mining transport, traffic characteristics and technological schemes of transport at the opening, preparation and mining of mineral deposits, the methods of selecting modern vehicles and the rationale for their operational parameters; practice skills of designing and evaluating the organizational and technical level of technological schemes and means of transportation of coal (ore), auxiliary materials, people and equipment, tasks and structure of the dispatching service.

Main didactic units (parts):

- Transport systems and technology of mining enterprises;
- Installation, operation, maintenance and repair:
 - belt and drag conveyors;
 - mine rail transport;
 - limit contact haulage;
 - SOIL cable cars;
 - scraper systems;
 - self-propelled equipment.
- Organization of safe installation and maintenance of transport and transport equipment.