

Annotation to discipline “Logistics in mining industry”

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

Purpose of discipline. To shape students’ knowledge about modern technologies and processes for planning, management and control of material and information flows in logistics systems mine transport, and prepare to conduct manufacturing practices in the production and to further explore the disciplines related to the coordination of transport and technological systems in underground mining.

Tasks of discipline to clarify: the purpose and structure of logistics and information flow in the mine transport, traffic characteristics and technological schemes of transport during the opening, preparation and development of mineral deposits, the methods of selecting modern vehicles and coordination of traffic intensity in the transport and logistics chains mine, work skills assessment of organizational and technical level of technological schemes and means of transportation of coal (ore) and packet-delivery container auxiliary materials and equipment; tasks and structure of the dispatching service.

Main didactic units (parts).

1. The concept of logistics;
2. Categories and logistics facilities relations;
3. Logistics systems;
4. Logistics technologies deliver goods;
5. Transport and logistics systems and technologies of mining companies;
6. Transport and storage and processing facilities in mines;
7. System planning and management silo freight traffic;
8. Packet-container freight shipping logistics in the mine;
9. Operational and production management flow processes of the mine.