Joint Project: Capacity Building in the Field of Higher Education ERASMUS+ 2018

Crisis and Risks Engineering for Transport Services

Turkmen State Institute of Transport and Communications

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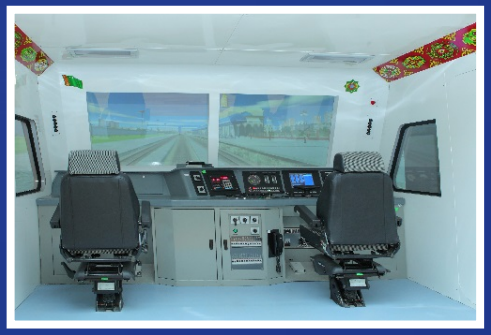
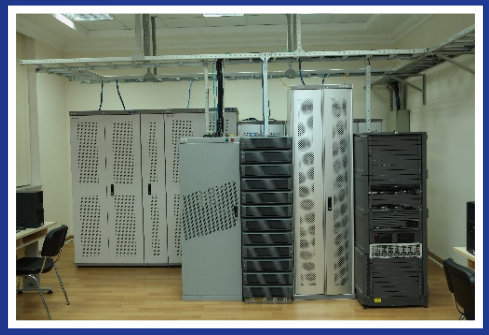
Turkmen State Institute
of Transport and Communications

TURKMEN STATE INSTITUTE OF TRANSPORT AND COMMUNICATION





Turkmen State Institute of Transport and Communications (TGITiS) was founded in 1992. Institute prepares highly skilled professionals for the transport and communication sector of the economy.

Nowadays, thousands of graduates of the institute successfully work in the companies and organizations of Agency of Railway Transport of Turkmenistan, Agency of Motor Transport, Agency of Communication, Agency "Turkmenhowayollary" and the Agency of Maritime and River Transport of Turkmenistan.

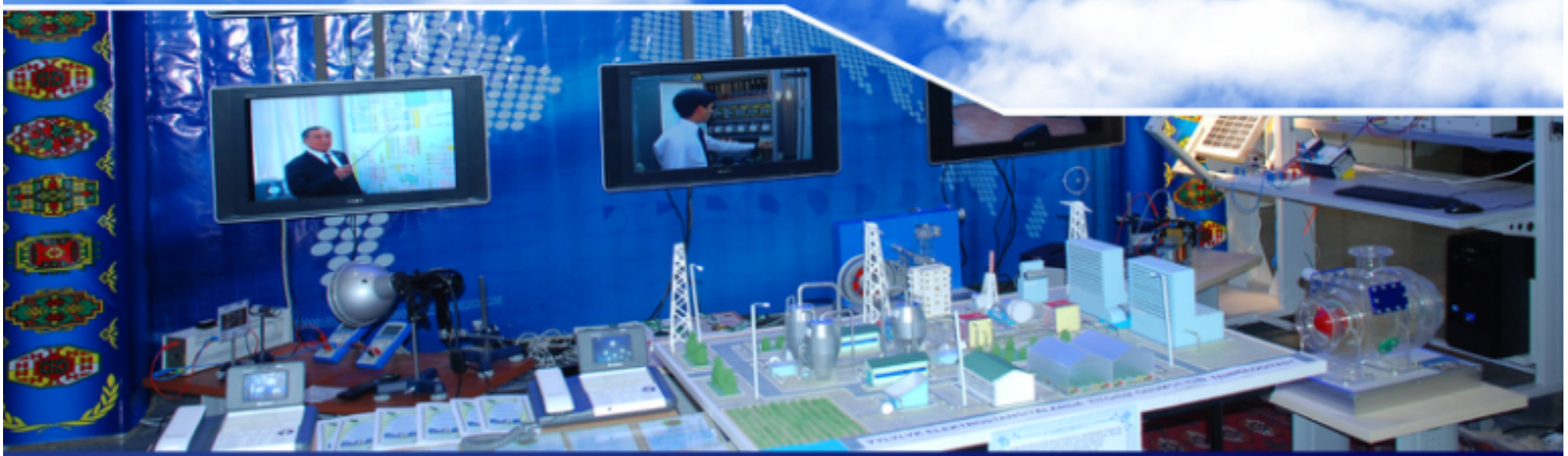
TURKMEN STATE INSTITUTE OF TRANSPORT AND COMMUNICATION

In four faculties of our institute more than 2000 students studied. In training of the specialists 18 departments take active part. The specialists in the field of production and members of the research institutions are actively involved in the educational process on special subjects. They also participate in the educational and industrial practice.

TURKMEN STATE INSTITUTE OF TRANSPORT AND COMMUNICATION

On 1 September 2009, the President of Turkmenistan, respected Gurbanguly Berdimuhamedov established the new building of our institute for 2000 students. The classrooms and laboratories of the institute are equipped with the most modern equipment, multimedia training, programs and multimedia materials for the lectures, practical and the laboratory studies. High-performance local area network of the institute unites all the rooms. This network has been connected to the Internet. For the work of the teaching staff all necessary conditions which correspond to the modern standards have been created.

TURKMEN STATE INSTITUTE OF TRANSPORT AND COMMUNICATION



At the institute a great attention is paid to the scientific research. In the departments of the institute the research work is actively realized. Professors, teachers and students of the Institute are actively involved in this research. The scientific elaborations are closely connected to the production, aimed at the improvement of the efficiency and reliability of the equipment, improvement of the environment in the conditions of intensive industrial development, protection of roads and railways from the onset of the deserts, the use of the solar energy in the field of the transport and communications. The scientific work has both theoretical and practical aspect. In the research the mathematical modeling technique and information technology are widely used.

STRUCTURE OF THE INSTITUTE

Faculties:

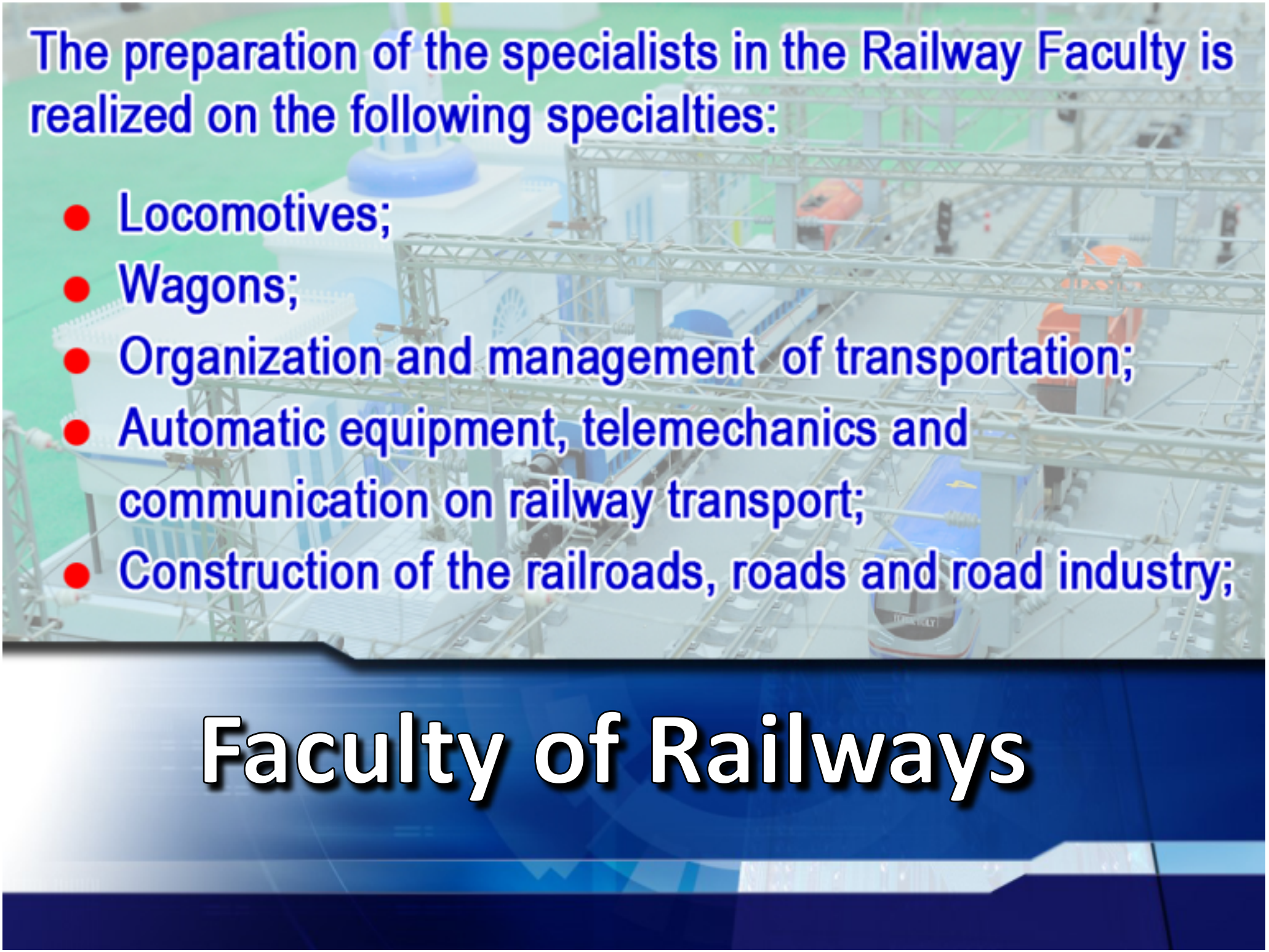
- Faculty of Railways
- Faculty of Communication
- Faculty of Transport Construction and Economy
- Faculty of Transport

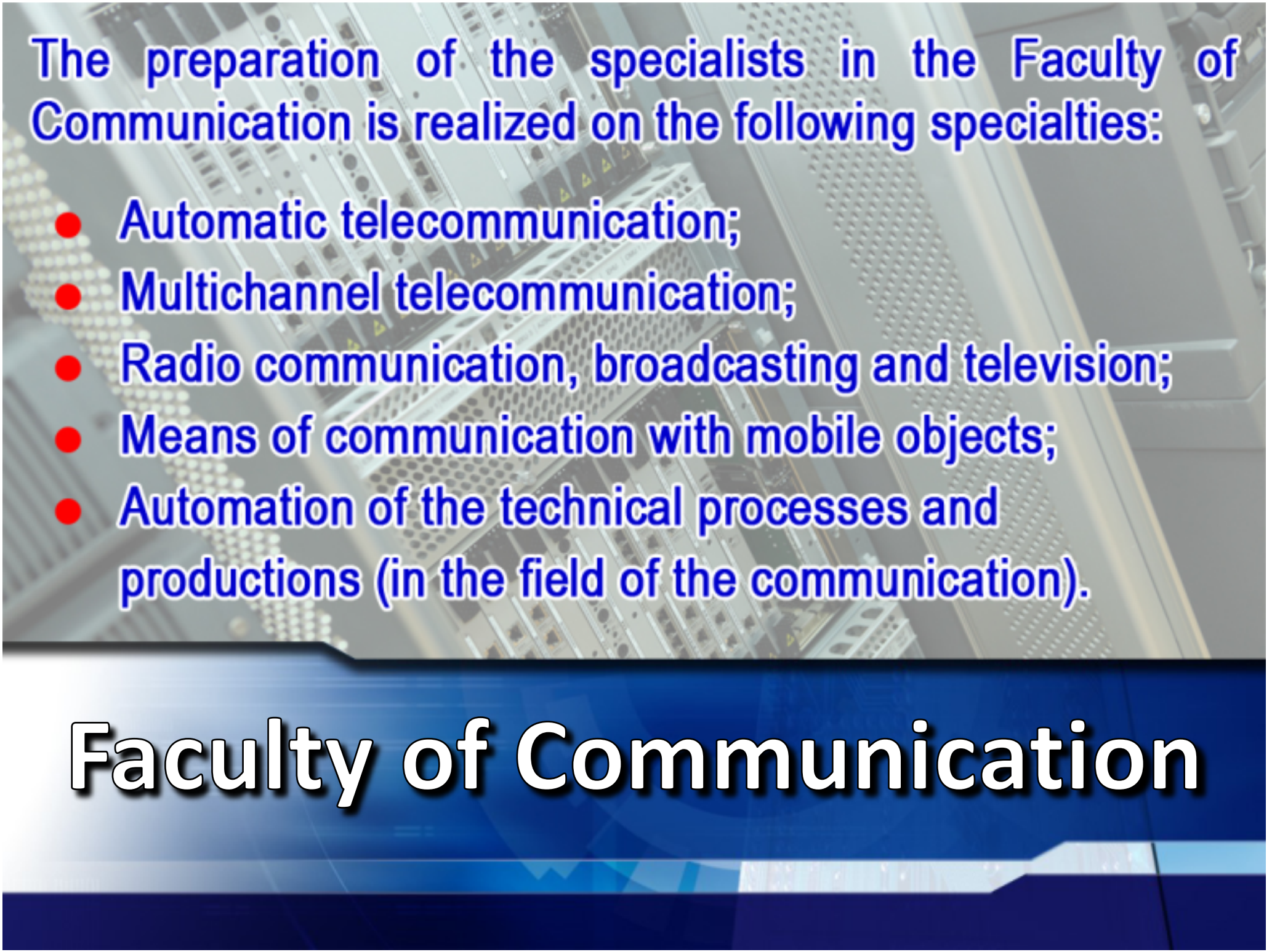
Departments:

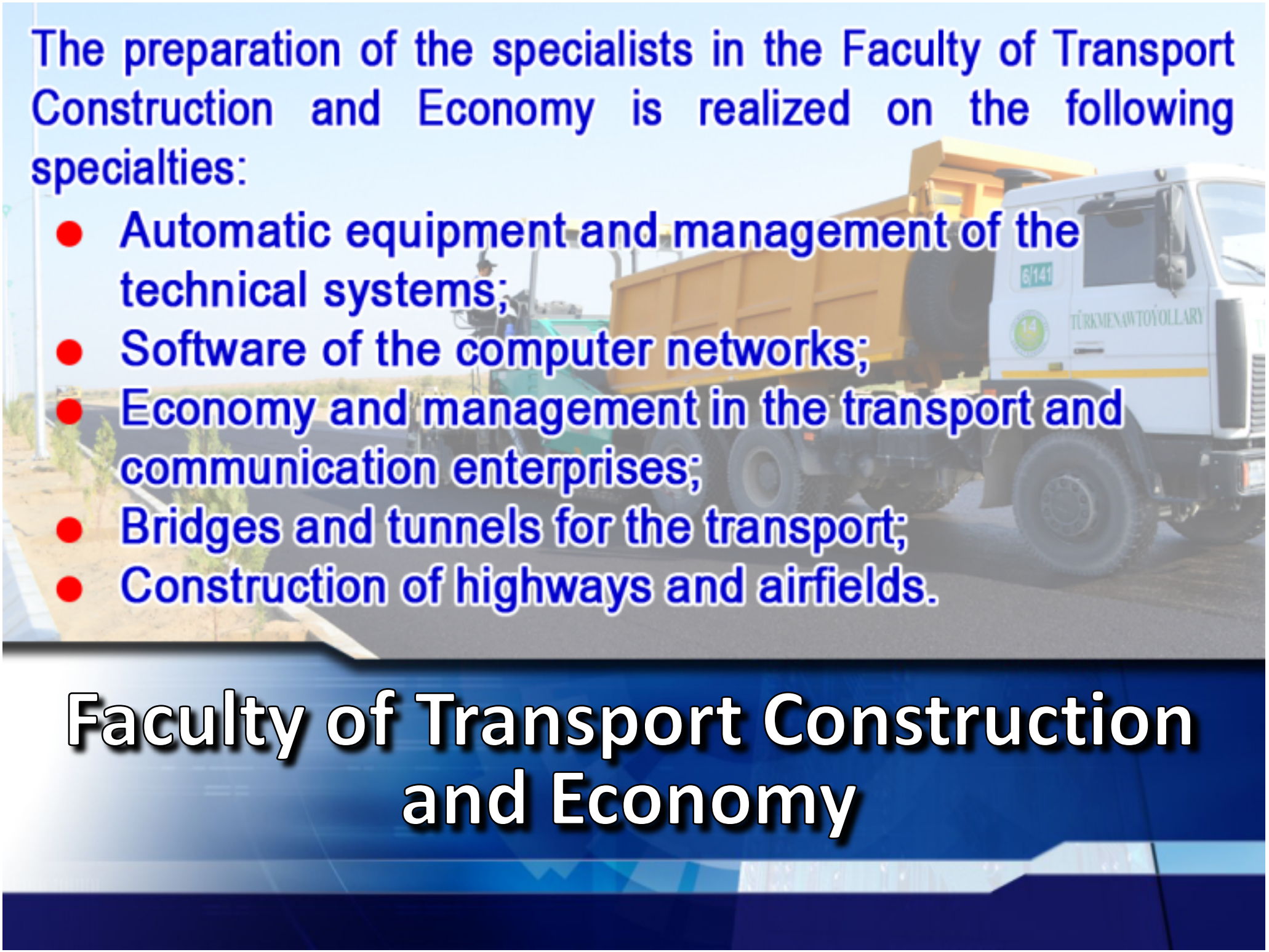
Social sciences;
Higher mathematics;
Physics;
Electrical technology and electronics;
Computer technologies;
Technical disciplines;
Professional language training;
Economy of transport and communication;
Building;
Exploitation of the motor transport;
Exploitation of air transport;

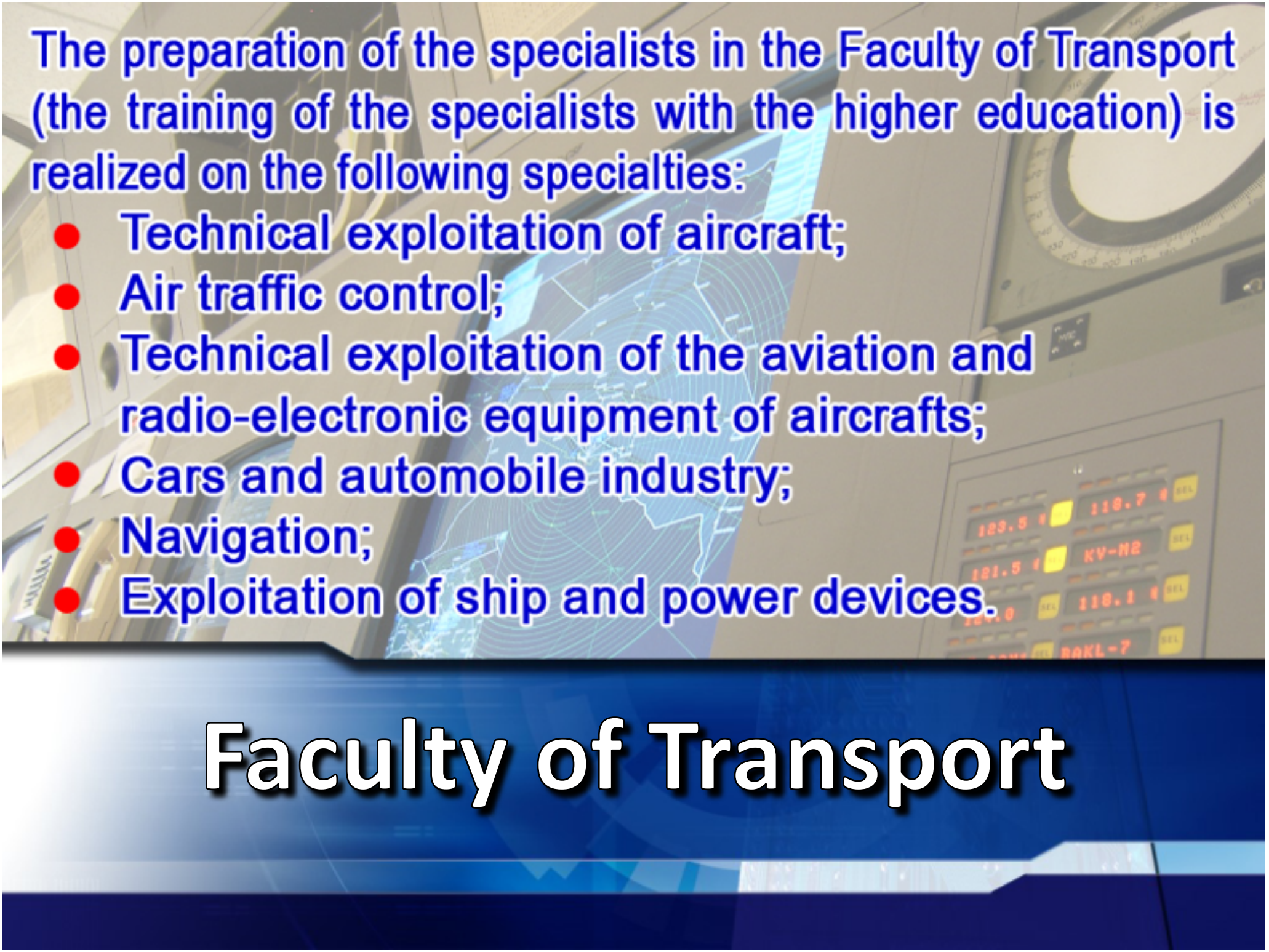
TURKMEN STATE INSTITUTE OF TRANSPORT AND COMMUNICATION

Exploitation of water transport;
Telecommunication;
Radio communication and radio equipment;
Exploitation and repair of a rolling stock
Rail transport;
Managements and movement regulations on rail transport;
Physical culture;
Military preparation;


The preparation of the specialists in the Railway Faculty is realized on the following specialties:
Locomotives;
Wagons;
Organization and management of transportation;
Automatic equipment, telemechanics and communication on railway transport;
Construction of the railroads, roads and road industry;
Faculty of Railways


The preparation of the specialists in the Faculty of Communication is realized on the following specialties:
Automatic telecommunication;
Multichannel telecommunication;
Radio communication, broadcasting and television;
Means of communication with mobile objects;
Automation of the technical processes and productions (in the field of the communication).
Faculty of Communication


The preparation of the specialists in the Faculty of Transport Construction and Economy is realized on the following specialties:
Automatic equipment and management of the technical systems;
Software of the computer networks;
Economy and management in the transport and communication enterprises;
Bridges and tunnels for the transport;
Construction of highways and airfields.
Faculty of Transport Construction and Economy


The preparation of the specialists in the Faculty of Transport (the training of the specialists with the higher education) is realized on the following specialties:
Technical exploitation of aircraft;
Air traffic control;
Technical exploitation of the aviation and radio-electronic equipment of aircrafts;
Cars and automobile industry;
Navigation;
Exploitation of ship and power devices.
Faculty of Transport

Switching system with the program management (C & C08)

The transmission and switching systems are studied at the classes. There are three types of stations SM, RSM, and RIM in the classroom. Each of them is connected to one another by means of the optical system SDH transmission (loop technology):

The SM Switching Module is a full-blown station, which also serves as a transit station for RSM.

RSM Remote Switching Module carries out the switching only for internal subscribers. For the connection with external subscribers it refers to the SM system. The remote subscriber module (RIM) is connected as a remote subscriber module to the SM or RSM systems.


Thank You !