

ROAD CONSTRUCTION MATERIALS

(course title)

COURSE SYLLABUS ABSTRACT

1-70 03 01 «AUTOMOBILE ROAD»

(speciality code and name)

	STUDY MODE		
	full-time	part-time	part-time (shortened program)
Year	2,3	3,4	2
Semester	4,5	6,7	4
Lectures, hours	100	24	12
Laboratory classes, hours	84	18	8
Exam, semester	4,5	6,7	4
Contact hours	184	184	20
Independent study, hours	140	140	124
Total course duration in hours / credit units	324/9		144/4

1. Course outline

Study of materials used in the construction, repair and maintenance of highways, as well as the requirements applied to these materials.

2. Course learning outcomes

Upon completion of the course, students will be expected to

know:

materials used in the construction, repair and maintenance of highways; basic technologies for obtaining road-building materials, methods of quality management; working conditions of materials in structures. be able to:

be able to:

determine the basic physical and mechanical properties of road-building materials in accordance with the requirements of regulatory documents imposed on them and give a reasoned conclusion about their appropriate use;

possess:

methods of working with measuring and laboratory equipment; basic methods of statistical processing of experimental data and formulation of reasonable conclusions on the data obtained; technical regulations in areas of road materials science.

3. Competencies

Apply the basic methods of research of modern road-building materials, structures and products, analyze test results, use the acquired knowledge in professional activities

4. Requirements and forms of midcourse evaluation and summative assessment

The current certification of students is carried out to determine the compliance of the results of their educational activities with the requirements of educational standards, educational and program documentation of educational programs of higher education. The forms of current certification of students are exams. The current certification is carried out orally or orally in writing. The form of intermediate certification is the protection of laboratory work, which is carried out in writing in the form of test tasks.

