INTRODUCTION
(practice name)

COURSE SYLLABUS ABSTRACT

6-05-0715-03 Cars, tractors, mobile and technological complexes
(speciality code and name)

Computer engineering in hoisting and transport engineering
Computer engineering in construction and road engineering
Computer engineering in the automotive industry
(concentration)

	STUDY MODE
	full-time
Year	**1**
Semester	2
Total practice duration in hours / credit units	216/6

1. Course outline

The purpose of the practice is to familiarize with the design of road construction objects, to study the design and technical characteristics of construction, road, lifting and transport equipment, the arrangement of individual units and assemblies; study of the design and technical characteristics of internal combustion engines, the arrangement of individual systems and mechanisms; acquisition of skills to work on one of the machines.

The objectives of the practice are:

– familiarization with the technology of construction of civil and road construction facilities;

– familiarization with the structures and technical characteristics of construction, road, lifting and transport equipment used at construction sites;

- study of the device of construction, road, lifting and transport equipment of their individual components and assemblies;

- study of the designs and technical characteristics of internal combustion engines, the arrangement of individual systems and mechanisms;

– acquisition of skills in managing road construction equipment.

2. Course learning outcomes

Upon completion of the course, students will be expected to

know:

– construction of road construction objects;

– road construction technologies;

- design and purpose of machines for road construction;

be able to:

– to search for information about road construction objects;

– search for information about machines used in road construction;

to possess a skill:

– search for information about the studied technical objects;

– performing simple plumbing operations.

3. Competencies

SK-5 Apply knowledge of the principles of operation, designs, properties of autonomous transport equipment

4. Requirements and forms of midcourse evaluation and summative assessment differentiated credit