

Annotation to the working program of the discipline

Engineering of the construction of airports and airfields

Program index (code)		PB -1-2-272/18-2.1.8.20
Total	hours	135
	ECTS credits	4,5
Course		4
Semester		7
Distribution of hours		
(specify necessary):		
	hours	34
Lectures	hours	34
Laboratory classes	hours	–
Practical classes (seminars)	hours	67
Independent work of student	number/	1/30
Coursework	volume of hours	–
Course project	number/	–
Control works	volume of hours	–
Homeworks	number/	–
Settlement and graphic work		exam / 7
Final Test Form / semester		the study of the design and operating principle of the equipment for the construction of airports and aerodromes, the physical nature of the phenomena arising from their operation, the technical parameters of modern construction equipment and the technical and economic indicators of its functioning, as well as the ability to correctly select the necessary construction vehicle for the implementation of specific technological operations , to evaluate the influence of the structural features of a separate construction machine on its performance.
Purpose of the discipline		the study of the design and operating principle of the equipment for the construction of airports and aerodromes, the physical nature of the phenomena arising from their operation, the technical parameters of modern construction equipment and the technical and economic indicators of its functioning, as well as the ability to correctly select the necessary construction vehicle for the implementation of specific technological operations , to evaluate the influence of the structural features of a separate construction machine on its performance.
The task of studying discipline		student studying the principles of work and design of construction, airfield and road vehicles; determination of the physical nature of the phenomena arising from the operation of equipment for the construction of airports and aerodromes; conducting calculations of basic technical parameters of construction machines and technical and economic indicators of their operation;

Module name and number:	number	gaining practical skills in choosing the right construction vehicle to perform certain technological operations in the process of building airports and airfields
Module №1	hours	2
Engineering of the construction of airports and airfields.	hours	105
Methods of study		30
		lectures, laboratory classes, independent work
Form of study	(full-time, external)	full-time
The program was developed by a scientific and pedagogical worker		Associate Professor of the Department of Technologies of Airports V.I. Lichik
Full version of the work program		http://aki.nau.edu.ua/