Syllabus of educational discipline   WOPERATION OF COMPRESSOR STATIONS»   Specialty: 142 "Power Mashinery"		$(\Phi \ 21.01 - 02)$
Specialty: 142 "Power Mashinery"   Field of knowledge: 14 "Electrical Engineering"	MOHANA	· · · · · · · · · · · · · · · · · · ·
Level of higher education		«OPERATION OF COMPRESSOR STATIONS»
Level of higher education	a b	Specialty: 142 "Power Mashinery"
The second (master's) level of higher education corresponds to the eight qualification level of the NRC of Ukraine   The academic discipline of the selective component from the professional list   Course	RI MCMXXXIII	
Discipline status  The academic discipline of the selective component from the professional list  Course  I course  I course  I course  Semester  2 semester  The scope of discipline, ECTS credits / hours  Language of teaching  What will be studied (subject of study)  Why it is interesting / It is mandatory for appointment to management and engineering positio in the specialty and research engineer  Why you can learn (learning outcomes)  How to use the acquired knowledge and skills (competencies)  Educational logistics  Forms a complete list of competencies (integrated, general and professional) according to OPP "Gas turbines and compressor stations" specialty 142 «Power Mashinery"  Course content: Operation of facilities and equipment of compressor stations of main gas pipelines  Types of classes: lectures, practical classes, undergraduate practice Teaching methods: the following teaching method, reproductive and research methods, educational video material of Ariel (USA) on the study of technological schemes and configurations of technological equipment.  Forms of training: The implementation of problems with the assessment of the safety of operation of recomplements with the assessment of the safety of operation of recomplements with the assessment of the safety of operation of problems with the assessment of the safety of operation of problems with the assessment of the safety of operation of recomplements with the assessment of the safety of operation of problems with the assessment of the safety of operation of problems with the assessment of the safety of operation of problems with the assessment of the safety of operation of problems with the assessment of the safety of operation of problems with the assessment of the safety of operation of technological equipment  Prerequisites  The discipline "Operation of compressor stations" is based on knowledg of the discipline "Mathematical modeling of systems and processes", "Operating mode of the main gas pipeline" and "Automobile gas-filling compressor stations	AN AHIO	
Discipline status  The academic discipline of the selective component from the professional list  Course  I course  Semester  Z semester  Language of discipline, ECTS credits / hours  Language of teaching  What will be studied (subject of study)  Why it is interesting / necessary to study (goal)  Why you can learn (learning outcomes)  How to use the acquired knowledge and skills (competencies)  Educational logistics  Course content: Operation of facilities and equipment of compressor stations (Dector of Philosophy)  Educational logistics  Course content: Operation of facilities and equipment of compressor stations of main ga professional) according to OPP "Gas turbines and compressor stations" specialty 142 «Power Mashinery"  Course content: Operation of facilities and equipment of compressor stations of main gas pipelines  Types of classes: lectures, practical classes, undergraduate practice Teaching methods: the following teaching method, reproductive and research methods, educational video material of Ariel (USA) on the study of technological schemes and configurations of technological equipment.  Forms of training: The implementation of these methods is carried out during lectures, demonstrations, independent problem solving, work wite educational literature, analysis and solution of problems with the assessment of the safety of operation of technological equipment  The discipline "Operation of compressor stations" is based on knowledg of the discipline "Operation of technological equipment of the safety of operation of technological equipment of the safety of operation of technological equipment of the safety of operation of technological equipment assessment of the safety of operation of technological equipment of the safety of operation of technological equipment of the safety of operation of technological equipment and "Automobile gas-filling compressor stations"	Level of higher education	
from the professional list		
Course   1 course   2 semester   3 semester   4 credits / 120 hours   4 credits /	Discipline status	1 1
Semester   2 semester   2 to semester   2 to semester   4 credits / 120 hours   4 credits / 120 hour		•
The scope of discipline, ECTS credits / hours  Language of teaching  What will be studied (subject of study)  Why it is interesting / necessary to study (goal)  Why you can learn (learning outcomes)  How to use the acquired knowledge and skills (competencies)  Educational logistics  Course content: Operation of facilities and equipment of compressor stations of main ga professional) according to OPP "Gas turbines and compressor stations" specialty 12 «Power Mashinery"  Course content: Operation of facilities and equipment of compressor stations of surface aching methods, reproductive and research engineer.  Course content: Operation of facilities and equipment of compressor stations of main gas pipelines  Types of classes: lectures, practical classes, undergraduate practice  Teaching methods: the following teaching methods are used, such as explanatory-illustrative method, problem-based teaching method, reproductive and research methods, educational video material of Ariel (USA) on the study of technological schemes and configurations of technological equipment.  Forms of training: The implementation of these methods is carried out during lectures, demonstrations, independent problems solving, work wite educational literature, analysis and solution of problems with the assessment of the safety of operation of technological equipment  The discipline "Operation of compressor stations" is based on knowledge of the discipline "Mathematical modeling of systems and processes," "Operating mode of the main gas pipeline" and "Automobile gas-filling compressor stations"		
Language of teaching		2 semester
Language of teaching   Ukrainian, English		4 credits / 120 hours
What will be studied (subject of study)  Why it is interesting / necessary to study (goal)  Why you can learn (learning outcomes)  How to use the acquired knowledge and skills (competencies)  Educational logistics  Course content: Operation of facilities and equipment of compressor stations of problems of classes: lectures, practical classes, undergraduate practice Teaching methods: the following teaching methods are used, such as explanatory-illustrative method, problem-based teaching method, reproductive and research methods, educational video material of Ariel (USA) on the study of technological equipment.  Forms of training: The implementation of these methods is carried out during lectures, demonstrations, independent problems with the assessment of the safety of operation of systems and processes", "Operating mode of the main gas pipeline" and "Automobile gas-filling compressor stations"  Operation of facilities and equipment and engineering position in the specialty of a research engineer.  Forms of classes: lectureal engineering with the possibility of further study in the program of the third level of higher education (Doctor of Philosophy)  Forms a complete list of competencies (integrated, general and professional) according to OPP "Gas turbines and compressor stations" specialty 142 «Power Mashinery"  Course content: Operation of facilities and equipment of compressor stations of technological equipment.  Forms of training: The implementation of these methods is carried out during lectures, demonstrations, independent problem solving, work with educational literature, analysis and solution of problems with the assessment of the safety of operation of technological equipment  The discipline "Operation of compressor stations" is based on knowledge of the discipline "Mathematical modeling of systems and processes", "Operating mode of the main gas pipeline" and "Automobile gas-filling compresso		TH ' ' T 1' 1
Subject of study   pipelines   It is mandatory for appointment to management and engineering position in the specialty and research engineer   Forms professional functions of a researcher, research engineer, interest certain branches of electrical engineering with the possibility of further study in the program of the third level of higher education (Doctor of Philosophy)		
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"Operating mode of the main gas pipeline" and "Automobile gas-filling compressor stations"	_	
compressor stations"		
The discipline Operation of compressor stations complements such	Details	The discipline "Operation of compressor stations" complements such
		disciplines as: "Compressor stations of main gas pipelines", "Systems of
automatic control of compressor stations" and gives theoretical		
preparation for undergraduate practice		
Information support from	Information support from	
the repository and fund An educational and methodical complex has been created in the repositor		An educational and methodical complex has been created in the repositor
of STL NAU of STL NAU		OI SIL NAU
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T APRILAN ANA MOISTIPS	Location and logistics	on scientific and technical cooperation with the possibility of production
practices, internships and employment		practices, internships and employment
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evamination methods situation that may arise when performing duties in engineering positions	·	situation that may arise when performing duties in engineering positions
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Department	Aeroengines
Faculty	Aerospace Faculty
Teacher (s)	FFName Kapitanchuk Kostiantyn Ivanovych Position: Associate Professor Academic degree: Associate Professor Teacher profile: kostiantyn.kapitanchuk@npp.nau.edu.ua Phone.: 406-75-76 E-mail: http://kafad.nau.edu.ua/ Workplace:10-211 FFName: Andriets Oleksandr Grigorovych Position: Associate Professor Academic degree: Associate Professor Teacher profile: oleksandr.andriets@npp.nau.edu.ua Phone.: 406-75-76 E-mail: http://kafad.nau.edu.ua/ Workplace: 1-113
Originality of academic	All types of classes are held in the form of presentations and the use of
discipline	videos on the topic
Link to discipline	www.turbinist.ru https://er.nau.edu.ua/handle/NAU/55906 http://utg.ua http://www.avid.ru/eks/diag/ http://jrnl.nau.edu.ua/index.php/visnik https://www.khai.edu/ru/site/aviatsionno-kosmicheskaya.html