

«TASDIQLAYMAN»

«TMJ» kafedrası mudiri

F.E. Buronov F.E. Buronov

« 14 » 09 2022 yil

SCIENCE PROGRAM IMPLEMENTATION CALENDAR PLAN

(lecture, seminar, practical training, laboratory, course project(s))

2022-2023 academic year V semester

Expertise: 5320300– « Technological machines and equipment»^{*} Academic group

(Oil and gas industry machinery and equipment) «TMJ- 134p-20»

Fakulty: Oil and gas

Fanning nomi: “Reliability of process equipment in the oil and gas industry”

Lecturer:

Counseling and conducting practical training:

Conducting independent training:

M.X.Samadova

M.X.Samadova

M.X.Samadova

Lecture 30

Practical training 30

Independent work 90

Course work -

Total: 150

№	The name of the topics	Dedicated hour	Information about completion		Teacher's signature
			Month and day	Number of hours	
1	3	4	5	6	7
Lecture					
1	Introduction. Fundamentals of the theory of reliability	2			
2	Fundamentals of reliability theory	2			
3	Basic information about reliability	2			
4	Basic information about reliability	2			
5	Basic information about reliability	2			
6	Failure classification	2			
7	Failure classification	2			
8	Failure classification	2			
9	Reliability indicators of repaired equipment	2			
10	Determination of accuracy indicators from test results	2			
11	Factors affecting reliability	2			
12	Definition of reliability indicators	2			
13	Calculation of the structure of the repair cycle.	2			
14	Normalization of reliability indicators	2			

15	Influence of Reliability Indicators on Economic Machines	2		
	Total:	30		
Practical exercises				
1	Fundamentals of the analytical apparatus of the theory of reliability	2		
2	Statistical development of information about the reliability of objects.	2		
3	Statistical development of information about the reliability of objects.	2		
4	Calculation of the reliability characteristic of the system during the propagation of disturbances according to the exponential law.	2		
5	Calculation of the reliability characteristic of the system during the propagation of disturbances according to the exponential law.	2		
6	Calculation formulas using nomograms and graphs, approximate calculation methods using corrective (corrective) coefficients.	2		
7	Calculation formulas using nomograms and graphs, approximate calculation methods using corrective (corrective) coefficients.	2		
8	Selection of normalized indicators of reliability of oil and gas production facilities.	2		
9	Selection of normalized indicators of reliability of oil and gas production facilities.	2		
10	Determination of the law of distribution of reliability indicators.	2		
11	Determination of the law of distribution of reliability indicators.	2		
12	Engineering and technological analysis of object damage.	2		
13	Engineering and technological analysis of object damage.	2		
14	Reliability of technological systems in case of slow-gradual failures indicators.	2		
15	Indicators of reliability of non-renewable technological systems.	2		
	Total:	30		

Lecturer :

M.X.Samadova



TUG'ILGANLIK HAQIDA GUVOHNOMA

XASANOV

MUHAMMADSOLIH

SHERALIYEYICH

Tug'ilgan sanasi: 2023 - YIL 02 - FEBRAL

IKKI MING YIGIRMA UCHINCHI YIL IKKINCHI

FEBRAL

Tug'ilgan joyi: O'ZBEKISTON

QASHQADARYO VILOYATI

QARSHI SHAHRI

Bu haqda QASHQADARYO VILOYATI QARSHI

SHAHAR FHDY BO'LIMI

2023 - yil 03 - FEBRAL

1-1815-23-01561

Shaxsiy raqam: 50202235740051

Muhr



Fugarovlik holati davlatnomalarim

yoziq organ imidi

M. SH. SHUKUROVA

Berilgan sanasi: 2023 - YIL 03 - FEBRAL

QARSHI SHAHAR FHDY BO'LIMI

Guvohnoma bergan organ: QASHQADARYO VILOYATI

Fugarovligi: O'ZBEKISTON

Millati: O'ZBEK

SHAXNOZA NARIMANOVNA

Onasi: USMANOVA

Fugarovligi: O'ZBEKISTON

Millati: O'ZBEK

SHERALI XASANOVICH

Otasi: XABIBOV



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