

МИНИСТЕРСТВО ОБРАЗОВАНИЯ И НАУКИ РЕСПУБЛИКИ КАЗАХСТАН
АО "КАЗАХСТАНСКО-БРИТАНСКИЙ ТЕХНИЧЕСКИЙ УНИВЕРСИТЕТ"



Утверждаю

Ректор (Председатель Правления)

Протокол УС № 13 от

07 2022 г.

Рабочий учебный план
Образовательной программы «6B07104 Эксплуатация судовых энергетических установок»
набора 2022-2023 учебного года

Степень: Бакалавр техники и технологий

Срок обучения: 4 года

Примечание:

1 ECTS = 15 контактных часов

Год обучения	Код	Название дисциплины	Компонент	ECTS		Лек/лаб/пр	Предварительные требования	Код	Название дисциплины	Компонент	ECTS			Лек/лаб/пр	Предварительные требования
				Период 1	Период 2						Период 3	Период 4	Период 5		
1	1 семестр							2 семестр							
	LAN1112	Иностранный язык (Английский язык)	ООД	4				LAN 1113	Профессионально-ориентированный английский язык	ООД	3				
	MA11103	Математика I	БД	5				MA11219	Математика II	БД	3				
	FUN1106	Физика I	БД	3				FUN1206	Физика II	БД	3				
	CH1210	Химия I (Кислоты и щелочи, коррозия, горюче-смазочные материалы)	БД	3				CSI1101	Информационно-коммуникационные технологии (на английском языке)	ООД	5				
	PH1201	ФИЗИЧЕСКАЯ КУЛЬТУРА 1	ООД	4				KMA1221	Статическая остойчивость судна 1	БД	2	x			
	KMA1201	Морское право 1	БД	2	x			KMA1252	Вспомогательные судовые агрегаты 1	БД	2	x			
	KMA1202	Корабельное дело и основы кораблестроения	БД	x	3			KMA1101	Механические мастерские 1 (основы токарно-слесарных работ)	БД	3	x			
	KMA1203	Введение в инженерное дело	БД	3				EGR1221	Электротехника и основы электроники 1	БД	2	x			
	KMA1204	Введение в основы судоходства	ООД	3				KMA1250	Судовые энергетические установки - Дизель 1	БД	x	3			
							KMA1251	Судоходная и Корабельное Дело 1	БД	x	2				
							KMA1301	Начальная подготовка по вопросам безопасности и инструктажа / Базовая подготовка	ООД			2			
							KMA1302	Первая морская практика - 28 дней (включая теорию и практику)	ДВО			0			
	ОБЩИЙ			30				ОБЩИЙ			30				
2	3 семестр							4 семестр							
	HUM1110	Философия	ООД	5				KMA1304	Морская практика - 190 дней	БД		30			
	LAN 1114	Профессионально-ориентированный английский язык (Техническое написание текстов)	ООД	3											
	KMA1253	Термодинамика 1	БД	3	x										
	KMA1355	Электротехника и основы электроники 2	БД	x	2										
	KMA1353	Техническое обслуживание корабельных установок 1	БД	x	3										
	KMA1351	Судовые энергетические установки - Паровые установки/турбины 1	БД	3	x										
	KMA1254	Несение вахты для судомехаников	БД	2	x										
	KMA1354	Вспомогательные судовые агрегаты 2	БД	3	x										
	PH1202	ФИЗИЧЕСКАЯ КУЛЬТУРА 2	ООД	4											
KMA1311	Динамическая остойчивость судна и Продольная остойчивость	БД	x	2											
	ОБЩИЙ			30				ОБЩИЙ			30				
3	5 семестр							6 семестр							
	HUM1118	Современная история Казахстана	ООД	5				KMA1361	Судовые энергетические установки - Паровые установки/турбины 2	БД	3	x			
	LAN 1120/1121	Каз (рус) язык	ООД	5				KMA1364	Морской инжиниринг - практикум 1	БД					
	KMA1358	Управление ресурсами для судомехаников и Управление судоходными ресурсами	БД	2	x			KMA1365	Электротехника и основы электроники 3	БД	3	x			
	KMA1352	Автоматизация и управление процессами (вкл. применение тренажера для судомехаников)	БД	x	4			KMA1368	Техническое обслуживание корабельных установок 2	БД	x	4			
	KMA1363	Термодинамика 2	БД	x	3			KMA1362	Вспомогательные судовые агрегаты 3	БД	3	x			
	KMA1357	Технологии сапротипирования материалов	БД	3	x			KMA1303	Медицинский уход, Специалист по дежурным шлюпкам, Специалист по спасательным шлюпкам и плотам, Борьба с пожаром по расширенной программе, Ознакомительный курс для работы на танкерах-химовозах	БД			5		
	HUM1138	Психология и Культурология	ООД	5											
	HUM1124	Социология и Политология	ООД	3				KMA1360	Судовые энергетические установки - Дизель 2	БД	x	4			
		ОБЩИЙ			30			LAN 1120/1121	Казахский/Русский язык	ООД		5			
	ОБЩИЙ			30				ОБЩИЙ			30				
4	7 семестр							8 семестр							
	KMA1306	Морская практика - 80 дней	БД	25				DP470	Защита дипломного проекта	ИА		12			
	KMA1305	Морская практика - 80 дней (KMA assignments)	БД	20				KMA1107	Компетенционный экзамен	БД	x	3			
	ОБЩИЙ			45				ОБЩИЙ				15			
ИТОГО											240				

Курс	Наименование курса	Объем в кредитах			
		ECTS	Обязательный	Внеучебный	На выбор
ООД	Общественно-научная дисциплина	86	81	5	
БД	Базовая дисциплина	112			
БД	Профессиональная дисциплина	60			
БД	Научная дисциплина	12			
Всего		240			

Проректор по академическим вопросам

Руководитель УМЦ

Декан Казахстанской Морской Академии

Джумасейтоне А.К.

Манханова А.Е.

Дуйсенбиев А.Ш.

ҚАЗАҚСТАН РЕСПУБЛИКАСЫНЫҢ БІЛІМ ЖӘНЕ ҒЫЛЫМ МИНИСТРЛІГІ
"ҚАЗАҚСТАН-БРИТАН ТЕХНИКАЛЫҚ УНИВЕРСИТЕТІ" АҚ

БЕКІТЕМІН

Ректор (Басқарма төрағасы)  Абдуллин
№ 13 ҒК Хаттамасы 2022 ж.

Жұмыс оқу жоспары
«6B07104 Кеме энергетикалық қондырғылар пайдалану» білім беру бағдарламасы бойынша
2022-2023 оқу жылы



Дәрежесі: Техника және технология бакалавры

Оқу мерзімі: 4 жыл

Ескерту:

1 ECTS - 15 бағалыны сағаты

Оқу жылы	Код	Пәннің атауы	Компонент	ECTS		Лек/лаб/пр	Алғы шарттар	Код	Пәннің атауы	Компонент	ECTS			Лек/лаб/пр	Алғы шарттар	
				Кезең 1	Кезең 2						Кезең 3	Кезең 4	Кезең 5			
1	1 семестр							2 семестр								
	LAN1112	Шет тілі (Ағылшын тілі)	ЖБП	4				LAN 1113	Кәсіби бағытталған ағылшын тілі (Теңіз лексикасы мен	ЖБП	3					
	MAT1103	Математика I	БП	5				MAT1219	Математика II	БП	3					
	FUN1106	Физика I	БП	3				FUN1206	Физика II	БП	3					
	CHE1210	Химия I (Құлақшылдар мен сілті, коррозия, жанар-жағармай материалдары)	БП	3				CSE1101	Ақпараттық және коммуникациялық технологиялар	ЖБП	5					
	RHE201	ДЕНЕ ТӘРБИЕСІ 1	ЖБП	4				KMA1221	Кемелің статикалық тұрақтылығы 1	БП	2	x				
	KMA1201	Теңіз құрылы 1	БП	2	x			KMA1252	Қосалқы кеме агрегаттары 1	БП	2	x				
	KMA1202	Кеме ісі мен кеме жасау негіздері	БП	x	3			KMA1101	Механикалық шеберханалар 1 (жону-слесарлық жұмыс негіздері)	БП	3	x				
	KMA1203	Инженерлік іске кіріспе	БП	3				E-GR1221	Электротехника мен электроника негіздері 1	БП	2	x				
	KMA1204	Кеме жүргізу негіздеріне кіріспе	ЖБП	3				KMA1250	Кеме энергетикалық қондырғылар - Дизель 1	БП	x	3				
							KMA1251	Кеме механикасы мен Кеме ісі 1	БП	x	2					
							KMA1301	Қауіпсіздік пен нұсқау мәселелері жөніндегі бастауыш даярлау / Базалық даярлау	ЖБП			2				
							KMA1302	Алғашқы теңіз практикасы - 28 күн (теориясы мен практикасы қоса алғанда)	ОҚТ			0				
	ЖАЛПЫ			30				ЖАЛПЫ				30				
2	3 семестр							4 семестр								
	HUM1110	Философия	ЖБП	5				KMA1304	Теңіз практикасы - 190 күн	БП		30				
	LAN 1114	Кәсіби бағытталған ағылшын тілі (Мәтіндердің техникалық жазуы)	ЖБП	3												
	KMA1253	Термодинамика 1	БП	3	x											
	KMA1355	Электротехника мен электроника негіздері 2	БП	x	2											
	KMA1353	Кеме қондырғыларына техникалық қызмет көрсету 1	БП	x	3											
	KMA1351	Кеме энергетикалық қондырғылар -- Бу қондырғылары / турбиналар 1	БП	3	x											
	KMA1254	Кеме механикасы үшін нақты жұмысын алқару	БП	2	x											
	KMA1354	Үндістерді автоматтандыру және басқару (кеме жүргізушілеріне арналған тренажерлерді қолдануды қос.) 2	БП	3	x											
	RHE202	ДЕНЕ ТӘРБИЕСІ 2	ЖБП	4												
KMA1311	Кемелің динамикалық орнықтыру және бойлық орнықтыру	БП	x	2												
	ЖАЛПЫ			30				ЖАЛПЫ				30				
3	5 семестр							6 семестр								
	HUM1118	Қазақстанның қазіргі заманғы тарихы	ЖБП	5				KMA1361	Кеме энергетикалық қондырғылар -- Бу қондырғылары / турбиналар 2	БП	3	x				
	LAN 1120/1121	Қазақ (Орыс) тілі	ЖБП	5				KMA1364	Теңіз инженеріне -- практика 1	БП						
	KMA1358	Кеме механикасы арналған ресурстарды басқару және Кеме жүзу ресурстарын басқару	БП	2	x			KMA1365	Электротехника мен электроника негіздері 3	БП	3	x				
	KMA1357	Үндістерді автоматтандыру және басқару (кеме жүргізушілеріне арналған тренажерлерді қолдануды қос.)	БП	x	4						x	4				
	KMA1363	Термодинамика 2	БП	x	3			KMA1368	Кеме қондырғыларына техникалық қызмет көрсету 2	БП	x	3				
	KMA1357	Материалдар технологиясы / жөндеуі	БП	3	x			KMA1362	Қосалқы кеме агрегаттары 3	БП	3	x				
		Психология және Культурология	ЖБП	5				KMA1303	Медициналық күтім. Кесекші шлюпкалар жөніндегі маман. Құтқару шлюпкалары мен плоттары жөніндегі. Кенетілген бағдарлама бойынша өртпен күресу. Химия тасығын кемеде жұмыс істеуге арналған танысу курсы	БП				5		
	HUM1138															
	HUM1124	Социология және Политология	ЖБП	3				KMA1360	Кеме энергетикалық қондырғылары - Дизель 2	БП	x	4				
	ЖАЛПЫ			30			LAN 1120/1121	Қазақ/орыс тілі	ЖБП	5						
4	7 семестр							8 семестр								
	KMA1306	Теңіз практикасы - 80 күн	БП	25				DP470	Дипломдық жобаны қорғау	ҚА	12					
	KMA1305	Теңіз практикасы - 80 күн (KMA assignments)	БП	20				KMA1107	Құзыреттілік емтихан	БП	x	3				
	ЖАЛПЫ			45				ЖАЛПЫ				15				
											БАРЛЫҒЫ				240	

MINISTRY OF EDUCATION AND SCIENCE OF THE REPUBLIC OF KAZAKHSTAN
JSC "KAZAKH-BRITISH TECHNICAL UNIVERSITY"

Approved by

Rector (Chairman of the Board)

Minutes of

Gabriel M.T.

Working Curriculum
Educational program «6B07104 MARINE ENGINEERING»
of the 2022-2023 Academic Year

Degree: Bachelor of Engineering and Technology
Study Duration: 4 years

Year of study	Code	Name of discipline	Component	Academic credits		Lec/lab/pr	Prerequisites	Code	Name of discipline	Component	Academic credits			Lec/lab/pr	Prerequisites		
				Period 1	Period 2						Period 3	Period 4	Period 5				
1	1 semester							2 semester									
	LAN1112	English (Intermediate level)	GES	4				LAN 1113	Professional English (Maritime Vocabulary & Terms)	GES	3						
	MAT1103	Mathematics 1	CS	5				MAT1219	Mathematics 2	CS	3						
	FUN1106	Physics I	CS	3				FUN1206	Physics 2	CS	3						
	CHHE1210	General Chemistry	CS	3				CSE1101	Information & Communication Technologies	GES	5						
	PHE201	PHYSICAL EDUCATION 1	GES	4				KMA1221	Stability Control - OL	CS	2	x					
	KMA1201	Maritime Law - OL	CS	2	x			KMA1252	Auxiliary Machinery 1	CS	2	x					
	KMA1202	Ship construction - OL	CS	x	3			KMA1101	Engineering material & Machine Shop	CS	3	x					
	KMA1203	Introduction to Engineering subjects	CS	3				EGR1221	Electrotechnology 1	CS	2	x					
	KMA1204	Introduction to Navigation subjects	GES	3				KMA1250	Marine Power Plant Diesel 1	CS	x	3					
							KMA1251	Marine Engineering knowledge	CS	x	2						
							KMA1301	Basic Safety Training & Security Awareness	GES				2				
							KMA1302	First seafarers training - 28 days (incl. theory & practical)	ATE				0				
		TOTAL		30				TOTAL			30						
2	3 semester							4 semester									
	HUM1110	Philosophy	GES	5				KMA1304	Sea training - 190 days	CS		30					
	LAN 1114	Professional English (Technical Writing)	GES	3													
	KMA1253	Thermodynamics 1	CS	3	x												
	KMA1355	Electro Technology 2	MS	x	2												
	KMA1353	Maintenance & Repair 1	CS	x	3												
	KMA1351	Marine Power Plant Steam 1	MS	3	x												
	KMA1254	Watch Keeping	CS	2	x												
	KMA1354	Auxiliary Machinery 2	MS	3	x												
	PHE202	PHYSICAL EDUCATION 2	GES	4													
KMA1311	Dynamic Transverse Stability and Longitudinal Stability (COMBINED) WITH (DO)	CS	x	2													
		TOTAL		30				TOTAL			30						
3	5 semester							6 semester									
	HUM1118	Modern History of Kazakhstan	GES	5				KMA1361	Marine Power Plant Steam 2	MS	3	x					
	LAN 1120/1121	Kazakh/Russian Language	GES	5				KMA1364	Marine Engineering Lab 1	CS		3	x				
	KMA1358	ERM & Shipping Management	CS	2	x			KMA1365	Electrotechnology 3	MS	x	4					
	KMA1352	Marine Automation	MS	x	4			KMA1368	Maintenance & Repair 2	MS	x	3					
	KMA1363	Thermodynamics 2	MS	x	3			KMA1362	Auxiliary Machinery 3	MS	3	x					
	KMA1357	Technology of Materials	CS	3	x			KMA1303	Medical training, designated security duties, PSCR, Adv Fire fighting, Basic Tanker	MS				5			
	HUM1138	Psychology and Cultural Studies	GES	5				KMA1360	Marine Power Plant Diesel 2	MS	x	4					
	HUM1124	Sociology and Political Science	GES	3				LAN 1120/1121	Kazakh/Russian Language	GES		5					
			TOTAL		30				TOTAL			30					
4	7 semester							8 semester									
	KMA1306	Sea training - 80 days	CS	25				DP470	Graduation Project + Graduation Defense	FA		12					
	KMA1305	Sea training - 80 days (KMA assignments)	MS	20				KMA1107	Competence Exam	MS	x	3					
		TOTAL		45					TOTAL			15					
								TOTAL				240					

Cycle	Name of Cycle	Credits (ECTS)			
		ECTS	Core	University	Optionally
GES	General education subject	56	51	5	
CS	Core subject	112			
MS	Major subject	60			
FA	Final assessment	12			
Total		240			

Vice Rector for Academic Affairs

Head of EMC

Dean of KMA

Jumasseitova A.K.

Manhanova A.E.

Duisenbiyev A.S.

Degree: Bachelor of Engineering and Technology
Study Duration: 4 years

Year of Study	Aug	Sep	Oct	Nov	Dec	Jan	Feb	March	April	May	June	July	August																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
1	English 1 (Intermediate level)	Mathematics 1	English 1 (Intermediate level)	Mathematics 1	Physics 1	Chemistry 1	PHYSICAL EDUCATION 1	Introduction to Navigation	Introduction to Engineering	Maritime Law	Philosophy	English 3 (Technical Writing)	PHYSICAL EDUCATION 2	Thermodynamics 1	Watch keeping	Marine Power Plant Steam 1	Auxiliary Machinery 2	EPRM & Shipyard Management (Besp Visit)	Psychology and Cultural Studies	Sociology and Political Science	Modern History of Kazakhstan	Kazakh & Russian Language	Thermodynamics 2	Kazakh & Russian Language	Technology of Materials	Auxiliary Machinery 3	Marine power plant steam 2	Maintenance & Repair 2	Kazakh & Russian Language	Medical training, designated security of the ship, firefighting, Basic Tanker	Electrotechnology 3	Marine power plant diesel 3	First-aid topics - 28 days per course (PCC-01)	English 2 (Maritime English)	Mathematics 2	Physics 2	Information & Communication Technologies	Marine engineering knowledge	Engineering materials & Machine shop	Marine powerplant diesel 1	Stability Control -OL	Auxiliary Machinery 1	Ship Construction	Introduction to Engineering	Ship Construction	Philosophy	English 3 (Technical Writing)	PHYSICAL EDUCATION 2	Thermodynamics 1	Watch keeping	Marine Power Plant Steam 1	Auxiliary Machinery 2	EPRM & Shipyard Management (Besp Visit)	Psychology and Cultural Studies	Sociology and Political Science	Modern History of Kazakhstan	Kazakh & Russian Language	Thermodynamics 2	Kazakh & Russian Language	Technology of Materials	Auxiliary Machinery 3	Marine power plant steam 2	Maintenance & Repair 2	Kazakh & Russian Language	Medical training, designated security of the ship, firefighting, Basic Tanker	Electrotechnology 3	Marine power plant diesel 3	First-aid topics - 28 days per course (PCC-01)	English 2 (Maritime English)	Mathematics 2	Physics 2	Information & Communication Technologies	Marine engineering knowledge	Engineering materials & Machine shop	Marine powerplant diesel 1	Stability Control -OL	Auxiliary Machinery 1	Ship Construction	Introduction to Engineering	Ship Construction	Philosophy	English 3 (Technical Writing)	PHYSICAL EDUCATION 2	Thermodynamics 1	Watch keeping	Marine Power Plant Steam 1	Auxiliary Machinery 2	EPRM & Shipyard Management (Besp Visit)	Psychology and Cultural Studies	Sociology and Political Science	Modern History of Kazakhstan	Kazakh & Russian Language	Thermodynamics 2	Kazakh & Russian Language	Technology of Materials	Auxiliary Machinery 3	Marine power plant steam 2	Maintenance & Repair 2	Kazakh & Russian Language	Medical training, designated security of the ship, firefighting, Basic Tanker	Electrotechnology 3	Marine power plant diesel 3	First-aid topics - 28 days per course (PCC-01)	English 2 (Maritime English)	Mathematics 2	Physics 2	Information & Communication Technologies	Marine engineering knowledge	Engineering materials & Machine shop	Marine powerplant diesel 1	Stability Control -OL	Auxiliary Machinery 1	Ship Construction	Introduction to Engineering	Ship Construction	Philosophy	English 3 (Technical Writing)	PHYSICAL EDUCATION 2	Thermodynamics 1	Watch keeping	Marine Power Plant Steam 1	Auxiliary Machinery 2	EPRM & Shipyard Management (Besp Visit)	Psychology and Cultural Studies	Sociology and Political Science	Modern History of Kazakhstan	Kazakh & Russian Language	Thermodynamics 2	Kazakh & Russian Language	Technology of Materials	Auxiliary Machinery 3	Marine power plant steam 2	Maintenance & Repair 2	Kazakh & Russian Language	Medical training, designated security of the ship, firefighting, Basic Tanker	Electrotechnology 3	Marine power plant diesel 3	First-aid topics - 28 days per course (PCC-01)	English 2 (Maritime English)	Mathematics 2	Physics 2	Information & Communication Technologies	Marine engineering knowledge	Engineering materials & Machine shop	Marine powerplant diesel 1	Stability Control -OL	Auxiliary Machinery 1	Ship Construction	Introduction to Engineering	Ship Construction	Philosophy	English 3 (Technical Writing)	PHYSICAL EDUCATION 2	Thermodynamics 1	Watch keeping	Marine Power Plant Steam 1	Auxiliary Machinery 2	EPRM & Shipyard Management (Besp Visit)	Psychology and Cultural Studies	Sociology and Political Science	Modern History of Kazakhstan	Kazakh & Russian Language	Thermodynamics 2	Kazakh & Russian Language	Technology of Materials	Auxiliary Machinery 3	Marine power plant steam 2	Maintenance & Repair 2	Kazakh & Russian Language	Medical training, designated security of the ship, firefighting, Basic Tanker	Electrotechnology 3	Marine power plant diesel 3	First-aid topics - 28 days per course (PCC-01)	English 2 (Maritime English)	Mathematics 2	Physics 2	Information & Communication Technologies	Marine engineering knowledge	Engineering materials & Machine shop	Marine powerplant diesel 1	Stability Control -OL	Auxiliary Machinery 1	Ship Construction	Introduction to Engineering	Ship Construction	Philosophy	English 3 (Technical Writing)	PHYSICAL EDUCATION 2	Thermodynamics 1	Watch keeping	Marine Power Plant Steam 1	Auxiliary Machinery 2	EPRM & Shipyard Management (Besp Visit)	Psychology and Cultural Studies	Sociology and Political Science	Modern History of Kazakhstan	Kazakh & Russian Language	Thermodynamics 2	Kazakh & Russian Language	Technology of Materials	Auxiliary Machinery 3	Marine power plant steam 2	Maintenance & Repair 2	Kazakh & Russian Language	Medical training, designated security of the ship, firefighting, Basic Tanker	Electrotechnology 3	Marine power plant diesel 3	First-aid topics - 28 days per course (PCC-01)	English 2 (Maritime English)	Mathematics 2	Physics 2	Information & Communication Technologies	Marine engineering knowledge	Engineering materials & Machine shop	Marine powerplant diesel 1	Stability Control -OL	Auxiliary Machinery 1	Ship Construction	Introduction to Engineering	Ship Construction	Philosophy	English 3 (Technical Writing)	PHYSICAL EDUCATION 2	Thermodynamics 1	Watch keeping	Marine Power Plant Steam 1	Auxiliary Machinery 2	EPRM & Shipyard Management (Besp Visit)	Psychology and Cultural Studies	Sociology and Political Science	Modern History of Kazakhstan	Kazakh & Russian Language	Thermodynamics 2	Kazakh & Russian Language	Technology of Materials	Auxiliary Machinery 3	Marine power plant steam 2	Maintenance & Repair 2	Kazakh & Russian Language	Medical training, designated security of the ship, firefighting, Basic Tanker	Electrotechnology 3	Marine power plant diesel 3	First-aid topics - 28 days per course (PCC-01)	English 2 (Maritime English)	Mathematics 2	Physics 2	Information & Communication Technologies	Marine engineering knowledge	Engineering materials & Machine shop	Marine powerplant diesel 1	Stability Control -OL	Auxiliary Machinery 1	Ship Construction	Introduction to Engineering	Ship Construction	Philosophy	English 3 (Technical Writing)	PHYSICAL EDUCATION 2	Thermodynamics 1	Watch keeping	Marine Power Plant Steam 1	Auxiliary Machinery 2	EPRM & Shipyard Management (Besp Visit)	Psychology and Cultural Studies	Sociology and Political Science	Modern History of Kazakhstan	Kazakh & Russian Language	Thermodynamics 2	Kazakh & Russian Language	Technology of Materials	Auxiliary Machinery 3	Marine power plant steam 2	Maintenance & Repair 2	Kazakh & Russian Language	Medical training, designated security of the ship, firefighting, Basic Tanker	Electrotechnology 3	Marine power plant diesel 3	First-aid topics - 28 days per course (PCC-01)	English 2 (Maritime English)	Mathematics 2	Physics 2	Information & Communication Technologies	Marine engineering knowledge	Engineering materials & Machine shop	Marine powerplant diesel 1	Stability Control -OL	Auxiliary Machinery 1	Ship Construction	Introduction to Engineering	Ship Construction	Philosophy	English 3 (Technical Writing)	PHYSICAL EDUCATION 2	Thermodynamics 1	Watch keeping	Marine Power Plant Steam 1	Auxiliary Machinery 2	EPRM & Shipyard Management (Besp Visit)	Psychology and Cultural Studies	Sociology and Political Science	Modern History of Kazakhstan	Kazakh & Russian Language	Thermodynamics 2	Kazakh & Russian Language	Technology of Materials	Auxiliary Machinery 3	Marine power plant steam 2	Maintenance & Repair 2	Kazakh & Russian Language	Medical training, designated security of the ship, firefighting, Basic Tanker	Electrotechnology 3	Marine power plant diesel 3	First-aid topics - 28 days per course (PCC-01)	English 2 (Maritime English)	Mathematics 2	Physics 2	Information & Communication Technologies	Marine engineering knowledge	Engineering materials & Machine shop	Marine powerplant diesel 1	Stability Control -OL	Auxiliary Machinery 1	Ship Construction	Introduction to Engineering	Ship Construction	Philosophy	English 3 (Technical Writing)	PHYSICAL EDUCATION 2	Thermodynamics 1	Watch keeping	Marine Power Plant Steam 1	Auxiliary Machinery 2	EPRM & Shipyard Management (Besp Visit)	Psychology and Cultural Studies	Sociology and Political Science	Modern History of Kazakhstan	Kazakh & Russian Language	Thermodynamics 2	Kazakh & Russian Language	Technology of Materials	Auxiliary Machinery 3	Marine power plant steam 2	Maintenance & Repair 2	Kazakh & Russian Language	Medical training, designated security of the ship, firefighting, Basic Tanker	Electrotechnology 3	Marine power plant diesel 3	First-aid topics - 28 days per course (PCC-01)	English 2 (Maritime English)	Mathematics 2	Physics 2	Information & Communication Technologies	Marine engineering knowledge	Engineering materials & Machine shop	Marine powerplant diesel 1	Stability Control -OL	Auxiliary Machinery 1	Ship Construction	Introduction to Engineering	Ship Construction	Philosophy	English 3 (Technical Writing)	PHYSICAL EDUCATION 2	Thermodynamics 1	Watch keeping	Marine Power Plant Steam 1	Auxiliary Machinery 2	EPRM & Shipyard Management (Besp Visit)	Psychology and Cultural Studies	Sociology and Political Science	Modern History of Kazakhstan	Kazakh & Russian Language	Thermodynamics 2	Kazakh & Russian Language	Technology of Materials	Auxiliary Machinery 3	Marine power plant steam 2	Maintenance & Repair 2	Kazakh & Russian Language	Medical training, designated security of the ship, firefighting, Basic Tanker	Electrotechnology 3	Marine power plant diesel 3	First-aid topics - 28 days per course (PCC-01)	English 2 (Maritime English)	Mathematics 2	Physics 2	Information & Communication Technologies	Marine engineering knowledge	Engineering materials & Machine shop	Marine powerplant diesel 1	Stability Control -OL	Auxiliary Machinery 1	Ship Construction	Introduction to Engineering	Ship Construction	Philosophy	English 3 (Technical Writing)	PHYSICAL EDUCATION 2	Thermodynamics 1	Watch keeping	Marine Power Plant Steam 1	Auxiliary Machinery 2	EPRM & Shipyard Management (Besp Visit)	Psychology and Cultural Studies	Sociology and Political Science	Modern History of Kazakhstan	Kazakh & Russian Language	Thermodynamics 2	Kazakh & Russian Language	Technology of Materials	Auxiliary Machinery 3	Marine power plant steam 2	Maintenance & Repair 2	Kazakh & Russian Language	Medical training, designated security of the ship, firefighting, Basic Tanker	Electrotechnology 3	Marine power plant diesel 3	First-aid topics - 28 days per course (PCC-01)	English 2 (Maritime English)	Mathematics 2	Physics 2	Information & Communication Technologies	Marine engineering knowledge	Engineering materials & Machine shop	Marine powerplant diesel 1	Stability Control -OL	Auxiliary Machinery 1	Ship Construction	Introduction to Engineering	Ship Construction	Philosophy	English 3 (Technical Writing)	PHYSICAL EDUCATION 2	Thermodynamics 1	Watch keeping	Marine Power Plant Steam 1	Auxiliary Machinery 2	EPRM & Shipyard Management (Besp Visit)	Psychology and Cultural Studies	Sociology and Political Science	Modern History of Kazakhstan	Kazakh & Russian Language	Thermodynamics 2	Kazakh & Russian Language	Technology of Materials	Auxiliary Machinery 3	Marine power plant steam 2	Maintenance & Repair 2	Kazakh & Russian Language	Medical training, designated security of the ship, firefighting, Basic Tanker	Electrotechnology 3	Marine power plant diesel 3	First-aid topics - 28 days per course (PCC-01)	English 2 (Maritime English)	Mathematics 2	Physics 2	Information & Communication Technologies	Marine engineering knowledge	Engineering materials & Machine shop	Marine powerplant diesel 1	Stability Control -OL	Auxiliary Machinery 1	Ship Construction	Introduction to Engineering	Ship Construction	Philosophy	English 3 (Technical Writing)	PHYSICAL EDUCATION 2	Thermodynamics 1	Watch keeping	Marine Power Plant Steam 1	Auxiliary Machinery 2	EPRM & Shipyard Management (Besp Visit)	Psychology and Cultural Studies	Sociology and Political Science	Modern History of Kazakhstan	Kazakh & Russian Language	Thermodynamics 2	Kazakh & Russian Language	Technology of Materials	Auxiliary Machinery 3	Marine power plant steam 2	Maintenance & Repair 2	Kazakh & Russian Language	Medical training, designated security of the ship, firefighting, Basic Tanker	Electrotechnology 3	Marine power plant diesel 3	First-aid topics - 28 days per course (PCC-01)	English 2 (Maritime English)	Mathematics 2	Physics 2	Information & Communication Technologies	Marine engineering knowledge	Engineering materials & Machine shop	Marine powerplant diesel 1	Stability Control -OL	Auxiliary Machinery 1	Ship Construction	Introduction to Engineering	Ship Construction	Philosophy	English 3 (Technical Writing)	PHYSICAL EDUCATION 2	Thermodynamics 1	Watch keeping	Marine Power Plant Steam 1	Auxiliary Machinery 2	EPRM & Shipyard Management (Besp Visit)	Psychology and Cultural Studies	Sociology and Political Science	Modern History of Kazakhstan	Kazakh & Russian Language	Thermodynamics 2	Kazakh & Russian Language	Technology of Materials	Auxiliary Machinery 3	Marine power plant steam 2	Maintenance & Repair 2	Kazakh & Russian Language	Medical training, designated security of the ship, firefighting, Basic Tanker	Electrotechnology 3	Marine power plant diesel 3	First-aid topics - 28 days per course (PCC-01)	English 2 (Maritime English)	Mathematics 2	Physics 2	Information & Communication Technologies	Marine engineering knowledge	Engineering materials & Machine shop	Marine powerplant diesel 1	Stability Control -OL	Auxiliary Machinery 1	Ship Construction	Introduction to Engineering	Ship Construction	Philosophy	English 3 (Technical Writing)	PHYSICAL EDUCATION 2	Thermodynamics 1	Watch keeping	Marine Power Plant Steam 1	Auxiliary Machinery 2	EPRM & Shipyard Management (Besp Visit)	Psychology and Cultural Studies	Sociology and Political Science	Modern History of Kazakhstan	Kazakh & Russian Language	Thermodynamics 2	Kazakh & Russian Language	Technology of Materials	Auxiliary Machinery 3	Marine power plant steam 2	Maintenance & Repair 2	Kazakh & Russian Language	Medical training, designated security of the ship, firefighting, Basic Tanker	Electrotechnology 3	Marine power plant diesel 3	First-aid topics - 28 days per course (PCC-01)	English 2 (Maritime English)	Mathematics 2	Physics 2	Information & Communication Technologies	Marine engineering knowledge	Engineering materials & Machine shop	Marine powerplant diesel 1	Stability Control -OL	Auxiliary Machinery 1	Ship Construction	Introduction to Engineering	Ship Construction	Philosophy	English 3 (Technical Writing)	PHYSICAL EDUCATION 2	Thermodynamics 1	Watch keeping	Marine Power Plant Steam 1	Auxiliary Machinery 2	EPRM & Shipyard Management (Besp Visit)	Psychology and Cultural Studies	Sociology and Political Science	Modern History of Kazakhstan	Kazakh & Russian Language	Thermodynamics 2	Kazakh & Russian Language	Technology of Materials	Auxiliary Machinery 3	Marine power plant steam 2	Maintenance & Repair 2	Kazakh & Russian Language	Medical training, designated security of the ship, firefighting, Basic Tanker	Electrotechnology 3	Marine power plant diesel 3	First-aid topics - 28 days per course (PCC-01)	English 2 (Maritime English)	Mathematics 2	Physics 2	Information & Communication Technologies	Marine engineering knowledge	Engineering materials & Machine shop	Marine powerplant diesel 1	Stability Control -OL	Auxiliary Machinery 1	Ship Construction	Introduction to Engineering	Ship Construction	Philosophy	English 3 (Technical Writing)	PHYSICAL EDUCATION 2	Thermodynamics 1	Watch keeping	Marine Power Plant Steam 1	Auxiliary Machinery 2	EPRM & Shipyard Management (Besp Visit)	Psychology and Cultural Studies	Sociology and Political Science	Modern History of Kazakhstan	Kazakh & Russian Language	Thermodynamics 2	Kazakh & Russian Language	Technology of Materials	Auxiliary Machinery 3	Marine power plant steam 2	Maintenance & Repair 2	Kazakh & Russian Language	Medical training, designated security of the ship, firefighting, Basic Tanker	Electrotechnology 3	Marine power plant diesel 3	First-aid topics - 28 days per course (PCC-01)	English 2 (Maritime English)	Mathematics 2	Physics 2	Information & Communication Technologies	Marine engineering knowledge	Engineering materials & Machine shop	Marine powerplant diesel 1	Stability Control -OL	Auxiliary Machinery 1	Ship Construction	Introduction to Engineering	Ship Construction	Philosophy	English 3 (Technical Writing)	PHYSICAL EDUCATION 2	Thermodynamics 1	Watch keeping	Marine Power Plant Steam 1	Auxiliary Machinery 2	EPRM & Shipyard Management (Besp Visit)	Psychology and Cultural Studies	Sociology and Political Science	Modern History of Kazakhstan	Kazakh & Russian Language	Thermodynamics 2	Kazakh & Russian Language	Technology of Materials	Auxiliary Machinery 3	Marine power plant steam 2	Maintenance & Repair 2	Kazakh & Russian Language	Medical training, designated security of the ship, firefighting, Basic Tanker	Electrotechnology 3	Marine power plant diesel 3	First-aid topics - 28 days per course (PCC-01)	English 2 (Maritime English)	Mathematics 2	Physics 2	Information & Communication Technologies	Marine engineering knowledge	Engineering materials & Machine shop	Marine powerplant diesel 1	Stability Control -OL	Auxiliary Machinery 1	Ship Construction	Introduction to Engineering	Ship Construction	Philosophy	English 3 (Technical Writing)	PHYSICAL EDUCATION 2	Thermodynamics 1	Watch keeping	Marine Power Plant Steam 1	Auxiliary Machinery 2	EPRM & Shipyard Management (Besp Visit)	Psychology and Cultural Studies	Sociology and Political Science	Modern History of Kazakhstan	Kazakh & Russian Language	Thermodynamics 2	Kazakh & Russian Language	Technology of Materials	Auxiliary Machinery 3	Marine power plant steam 2	Maintenance & Repair 2	Kazakh & Russian Language	Medical training, designated security of the ship, firefighting, Basic Tanker	Electrotechnology 3	Marine power plant diesel 3	First-aid topics - 28 days per course (PCC-01)	English 2 (Maritime English)	Mathematics 2	Physics 2	Information & Communication Technologies	Marine engineering knowledge	Engineering materials & Machine shop	Marine powerplant diesel 1	Stability Control -OL	Auxiliary Machinery 1	Ship Construction	Introduction to Engineering	Ship Construction	Philosophy	English 3 (Technical Writing)	PHYSICAL EDUCATION 2	Thermodynamics 1	Watch keeping	Marine Power Plant Steam 1	Auxiliary Machinery 2	EPRM & Shipyard Management (Besp Visit)	Psychology and Cultural Studies	Sociology and Political Science	Modern History of Kazakhstan	Kazakh & Russian Language	Thermodynamics 2	Kazakh & Russian Language	Technology of Materials	Auxiliary Machinery 3	Marine power plant steam 2	Maintenance & Repair 2	Kazakh & Russian Language	Medical training, designated security of the ship, firefighting, Basic Tanker	Electrotechnology 3	Marine power plant diesel 3	First-aid topics - 28 days per course (PCC-01)	English 2 (Maritime English)	Mathematics 2	Physics 2	Information & Communication Technologies	Marine engineering knowledge	Engineering materials & Machine shop	Marine powerplant diesel 1	Stability Control -OL	Auxiliary Machinery 1	Ship Construction	Introduction to Engineering	Ship Construction	Philosophy	English 3 (Technical Writing)	PHYSICAL EDUCATION 2	Thermodynamics 1	Watch keeping	Marine Power Plant Steam 1	Auxiliary Machinery 2	EPRM & Shipyard Management (Besp Visit)	Psychology and Cultural Studies	Sociology and Political Science	Modern History of Kazakhstan	Kazakh & Russian Language	Thermodynamics 2	Kazakh & Russian Language	Technology of Materials	Auxiliary Machinery 3	Marine power plant steam 2	Maintenance & Repair 2	Kazakh & Russian Language	Medical training, designated security of the ship, firefighting, Basic Tanker	Electrotechnology 3	Marine power plant diesel 3	First-aid topics - 28 days per course (PCC-01)	English 2 (Maritime English)	Mathematics 2	Physics 2	Information & Communication Technologies	Marine engineering knowledge	Engineering materials & Machine shop	Marine powerplant diesel 1	Stability Control -OL	Auxiliary Machinery 1	Ship Construction	Introduction to Engineering	Ship Construction	Philosophy	English 3 (Technical Writing)	PHYSICAL EDUCATION 2	Thermodynamics 1	Watch keeping	Marine Power Plant Steam 1	Auxiliary Machinery 2	EPRM & Shipyard Management (Besp Visit)	Psychology and Cultural Studies	Sociology and Political Science	Modern History of Kazakhstan	Kazakh & Russian Language	Thermodynamics 2	Kazakh & Russian Language	Technology of Materials	Auxiliary Machinery 3	Marine power plant steam 2	Maintenance & Repair 2	Kazakh & Russian Language	Medical training, designated security of the ship, firefighting, Basic Tanker	Electrotechnology 3	Marine power plant diesel 3	First-aid topics - 28 days per course (PCC-01)	English 2 (Maritime English)	Mathematics 2	Physics 2	Information & Communication Technologies	Marine engineering knowledge	Engineering materials & Machine shop	Marine powerplant diesel 1	Stability Control -OL	Auxiliary Machinery 1	Ship Construction

Re exams are normally placed half way the next period in evening hours

==	Modules covered by KBTU staff
==	Modules covered by KVA
==	Professional Maritime related training
==	Training at Sea (Sea Time)

Duisenbivev A.S.

Составляю: