

TSTU, UZ
DESCRIPTION OF THE PROMENG Curricula/Module
ОПИСАНИЕ PROMENG учебных программ/модулей

TITLE OF THE MODULE Название модуля	Code
Academic discipline: "Equipment and technology of welding" Academic Module: "Monitoring and engineering support of quality"	Специальность магистратуры: 5А320308-Технология сварочного производства и оборудование

Teacher(s) Учитель (я)	Department отдел
Coordinating: Координационный: Associate Professor, Ph.D. Dunyashin N.S. Others: Другое:	"Technological machines and equipment"

Study cycle, Цикл обучения	Level of the module Уровень модуля	Type of the module Тип модуля
The first semester		Elective

Form of delivery Форма внедрения	Duration Продолжительность	Langage(s) Язык
Lecture and Practice	20 weeks	Uzbek, Russian

Prerequisites Необходимые условия	
Prerequisites: Необходимые условия	Co-requisites (if necessary): Со-реквизиты (при необходимости):

Credits of the module Кредиты модуля	Total student workload Общая учебная нагрузка студентов	Contact hours Контактные часы обучения (аудиторные)	Individual work hours Объем часов индивидуальной (самостоятельной) работы
-	126	60	66

Aim of the module (course unit): competences foreseen by the study programme Цель развития модуля (блок курса): компетенции предусмотренные учебной программой		
The course is designed to familiarize Masters, students majoring in "Equipment and Welding Technology", with the process and content management product quality		
Learning outcomes of module (course unit) Результаты обучения модуля (блока курса)	Teaching/learning methods Методы преподавания/ обучения	Assessment methods Методы оценки
Students will have the skills listed below: - Planning of the quality management process; - The organization and regulation of the process of quality management; - Motivation in the process of quality management; - Certification of Quality Management System	Classroom	Rating

Themes	Contact work hours							Time and tasks for individual work	
	Lectures	Consultations	Seminars	Practical work	Laboratory work	Placements	Total contact work	Individual work	Tasks
Темы	Лекции	Консультации	Семинары	Практические работы	Лабораторные работы	Место размещения	Общий объем ауд. работ	Самостоятельная работа	Достижимые цели (задачи)
Introduction. The object and purpose of the course. The methodology for quality management.	2								1. Preparing for lecture employment on the basis of Summary of lectures (20 hours) 2. Preparing for the topics on based internet pages sites (26 hours) 3. Preparation of abstracts on ELT (20 hours)
General concepts of quality management.	4								
The process and content of quality management	2								
Control systems and their essence.	4								
Planning for Quality Management	2								
The organization and regulation of the quality management process.	2								
Motivation.	2								
Monitoring, recording and analysis of quality control processes.	4								
Standardization in the quality management system.	4								
Certification of Quality Management System	4								
Planning for Quality Management				4					
The organization and regulation of the quality management process				4					
Motivation is in the process of quality management				4					
Control of quality control processes.				4					
Analysis of quality control processes.				4					
Standardization in the quality management system				4					
Certification of Quality Management System				4					
Quality Management Systems				2					
In total	30			30					

Assessment strategy Оценка стратегии	Weight in % Доля в %	Deadlines Сроки	Assessment criteria Критерии оценки
Current Control I	17	Week 10	Attendance, activity, essays and research papers
Interim Control II	18	Week 10	written Exam
Monitoring II	18	Week 20	Attendance, activity, essays and research papers
Interim Control II	17	Week 20	written Exam
The final control	30	Week 21	written Exam

Author Автор	Year of issue Год выпуска	Title Название	No of periodical or volume Нет издания или нужного количества	Place of printing. Printing house or internet link Место издания. Издание на месте или ссылка на Интернет
Compulsory literature Обязательная литература				
J.R. Evans, W.M. Lindsay	2007	The management and control of quality		West Publishing Company
Огвоздин В.Ю.	2002	Управление качеством: основы теории и практики.		М.: Дело и сервис
Никифоров А.Д. Уч. пос. для вузов.	2004	Управление качеством		М.: Дрофа
Additional literature Дополнительная литература				
D.H. Stamatis	2004	Six Sigma Fundamentals		Productivity Press