

Syllabus Form of Academic Discipline
“Models of total quality management”

№	Field name	Detailed content, comments
1.	Name of the faculty	FACULTY OF INFOCOMMUNICATIONS
2.	The level of higher education	Bachelor's educational and scientific
3.	Code and title of specialty	152 – Metrology and Information-Measuring Technology
4.	The type and title of the educational program	Educational program – Technical Expertise
5.	Code and title of the discipline	_____ Fundamentals of quality management
6.	Number of ECTS credits	6
7.	The structure of the course (distribution by type and hours of training)	36 h. – 18 L., 36 h. – 18 P., 12 h. – 6 C., 96 h. – independence, type of control: exam
8.	Schedule (terms) of study of the subject	II year, IV semester
9.	Prerequisites for learning the discipline	Previously, the disciplines “Qualimetry”, “Higher mathematics (special chapters)” should be studied.
10.	Abstract (content) of the discipline	Mandatory discipline of basic (professional) studying in the specialty, contains content modules: 1. Basic concepts in the field of quality management. 2. Modern concepts and models of quality management. 3. Quality control tools. 4. Self-assessment and quality management.
11.	Competencies, knowledge, skills, understanding that a higher education acquirer has in the learning process	Knowledge of the history of quality management models development in the world, modern concepts and models of quality management, tools for evaluating quality indicators. Having skills in using the quality control tools and the ability to carry out self-assessment and quality management in the enterprise. Ability to implement in practice the requirements of the model of excellence EFQM, to evaluate of quality indicators of the organization.
12.	Learning outcomes of a Higher Education applicant	Ability to demonstrate knowledge and understanding of the history of quality management models, modern European quality management models, to apply in practice the tools of quality control and tools for self-assessment of the enterprise operation quality.
13.	Assessment system in accordance with each task for taking tests/exams	1. 6 tests on practical classes. 2. To get 60 credit score during the semester. 3. Pass the exam.

		<p>Credit score for semester (C_s) is calculated by the formula: $C_s = (8-15)PN_{\text{1}} + (13-20)PN_{\text{2}} + (8-15)PN_{\text{3}} + (7-15)PN_{\text{4}} + (7-15)PN_{\text{5}} + (17-20)PN_{\text{6}} = (60-100)$ credit score. Credit score for exam $C_e = (60-100)$ credit score. The combined exam carries out in the form of an answer to exam papers (4 tasks, duration 60 minutes). Final exam score $S = 0.6 * C_s + 0.4 * C_e$</p>
14.	The quality of the educational process	Adherence to the principles of academic integrity (http://lib.nure.ua/plagiat). Update the work program of the discipline – 2019 year.
15.	Methodological support	1. Complex of educational and methodical support of the educational discipline "Models of total quality management" for the bachelor of a specialty 152 "Metrology and information-measuring technology", educational program "Technical expertise" [Electronic resource] / KhNURE; Compiler: I.Moshchenko. - Kharkiv, 2018. http://catalogue.nure.ua/knmz .
16.	The developer of the Syllabus	I.Moshchenko, Department of Metrology and technical expertise, PhD E-mail: inna.moshchenko@nure.ua

Note.

The Syllabus is a document explaining the mutual responsibility of the teacher and the student. It presents procedures (including deadlines and evaluation principles), policies (including academic integrity policies) and the content of the discipline, as well as a calendar for its implementation. The measured goals that the teacher sets before his discipline should be stated in the Syllabus. The student must understand what he/she will be able to learn, what this course may be useful for. The Syllabus outlines the conceptual transition from "knowledge acquisition" and "practical skills" to competencies that a student can learn while studying this course. The Syllabus includes the course summary, purpose (competences), list of themes, reading materials, rules for passing missed classes. Unlike the work program and the educational and methodological complex of the discipline, The Syllabus is created for the student.