

Syllabus Form of Academic Discipline
“Standardization and certification of management systems”

№	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	_____ Standardization of management systems
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	III year, V semester
9.	Prerequisites for learning the discipline	Previously, the disciplines “Fundamentals of standardization”, “Conformity assessment”, “Fundamentals of quality management” should be studied.
10.	Abstract (content) of the discipline	Selective discipline of basic (professional) studying in the specialty, contains content modules: 1. Standardization of management systems. 2. ISO 9000 series standards as a basic model of standards for management systems. 3. Standards in the field of sustainable development of the organization. 4. Certification of management systems.
11.	Competencies, knowledge, skills, understanding that a higher education acquirer has in the learning process	Knowledge of terminological features of standardization of management systems; current trends in management systems; regulatory system in the field of quality management, audit and conformity assessment. Ability to set tasks, identify problems and areas for further improvement of management systems of organizations in different sectors of the economy. Having skills to navigate and use the regulatory documents in the field of management system.
12.	Learning outcomes of a Higher Education applicant	Ability to demonstrate knowledge and understanding of the principles of building a management system in the organization, the ability to use regulations to develop and maintain a management system of the enterprise.
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.

		<p>3. Pass the exam.</p> <p>Credit score for semester (C_s) is calculated by the formula:</p> $C_s = (8-15)P_{\text{№}1} + (13-20)P_{\text{№}2} + (8-15)P_{\text{№}3} + (7-15)P_{\text{№}4} + (7-15)P_{\text{№}5} + (17-20)P_{\text{№}6} = (60-100) \text{ credit score.}$ <p>Credit score for exam $C_e = (60-100)$ credit score.</p> <p>The combined exam carries out in the form of an answer to exam papers (4 tasks, duration 60 minutes).</p> <p>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	<p>1. Methodical instructions for practical classes in the discipline "Standardization and certification of management systems" for students of all forms of education specialty 152 "Metrology and information-measuring technology" of the first (bachelor's) level of higher education / Compiler: N. Shtefan. - Kharkiv: KhNURE, 2019. - 19 p.</p> <p>2. Methodical instructions for independent work in the discipline "Standardization and certification of management systems" for students of all forms of education specialty 152 "Metrology and information-measuring technology" of the first (bachelor's) level of higher education / Compiler: N. Shtefan. - Kharkiv: KhNURE, 2019. - 17 p.</p> <p>3. Detailed plan of lectures on the discipline "Standardization and certification of management systems" for students of all forms of education specialty 152 "Metrology and information-measuring technology" of the first (bachelor's degree). Compiler: N. Shtefan. - Kharkiv: KhNURE, 2019. - 16 p.</p>
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.