Syllabus of Academic Discipline
"Accreditation of conformity assessment bodies"

№	Field name	Detailed content, comments
1.	Name of the faculty	Faculty of Cybersecurity
2.	The level of higher education	Bachelor's
3.	Code and title of specialty	175 – Information and Measurement Technologies
4.	The type and title of the educational program	EP "Quality of Products, Processes and Software"
5.	Code and title of the discipline	AOzO Accreditation of conformity assessment bodies
6.	Number of ECTS credits	5
7.	The structure of the course (distribution by type and hours of training)	20 h. – 10 l., 20 h. – 20 p., 10 h. – 5 c., 104 h. – independent work, type of control: combined exam
8.	Schedule (terms) of study of the subject	4th year, 8th semester
9.	Prerequisites for learning the discipline	Previously, the disciplines "Fundamentals of Technical Regulation" should be studied; "Certification and Audit of Management Systems".
10.	Abstract (content) of the discipline	The discipline of professional and practical training under the educational program "Quality of Products, Processes and Software" contains content modules: 1. Accreditation as a component of the technical regulation system of the EU and Ukraine. 2. Procedure for accreditation of conformity assessment bodies (CAB). 3. Features of accreditation of various types of CABs.
11.	Competencies, knowledge, skills, understanding that a higher education acquirer has in the learning process	Integral competence: Ability to solve complex specialized problems and practical problems in the field of accreditation, which are characterized by complexity and uncertainty of conditions. **General competencies:** GK-1 Ability to apply professional knowledge and skills in practical situations. GK-2 Ability to communicate in the state language, both orally and in writing GK-5 Ability to search, process and analyze information from various sources. GK-8. Ability to learn and master modern knowledge. GK-11 Ability to realize one's rights and obligations as a member of society, to realize the values of a public (free, democratic) society and the need for its sustainable development, the rule of law, human and citizen rights and freedoms. GC-12 Ability to preserve and multiply moral, cultural, scientific values and achievements of society based on understanding the history and development of the subject area, its place in the general system of knowledge about nature and society and in the development of society, technology and technology, to use various types and forms

		of physical activity for active recreation and leading a healthy lifestyle. GC-13 Ability to make decisions and act in compliance with the principle of inadmissibility of corruption and any other manifestations of dishonesty **Professional competencies:** PC-10. Ability to develop a regulatory and methodological framework for quality assurance and technical regulation and develop scientific and technical foundations for quality management systems and certification tests. PC-12 Ability to apply modern standardized principles, in particular the PDCA cycle, process approach, risk management, to the development of management systems based on international standards PC-13 Ability to carry out conformity assessment procedures, in particular declaration, certification and accreditation of objects of various nature
12.	Learning outcomes of a Higher Education applicant	**Program learning outcomes:** PLO-3 Understand the broad interdisciplinary context of the specialty, its place in the theory of cognition and evaluation of objects and phenomena. PLO-15 Know and understand the subject area, its history and place in the sustainable development of engineering and technology, in the general system of knowledge about nature and society PLO-18 Be fluent in the terminological base of the specialty, understand the scientific and technical documentation of the state metrological system of Ukraine, international and interstate recommendations and guidelines for the specialty PLO-20 Understand and be able to apply modern standards of management systems, develop and assess the compliance of the quality management system of enterprises PRLO 21 Know the main regulatory documents in the field of conformity assessment; principles, types and procedures of conformity assessment; procedure for certification, declaration of conformity, accreditation of conformity assessment bodies, market surveillance
13.	Assessment system in accordance with each task for taking tests/exams	1. 10 tests on practical classes. 2. To get 60 credit score during the semester. 3. Pass the exam. Credit score for semester (C_s) is calculated by the formula: C_s=(6-9)РЊ№1+(6-9)РЊ№2+(6-9)РЊ№3+(6-9)РЊ№4+(6-9)РЊ№5+(5-9)РЊ№6+(5-9)РЊ№7+(5-9)РЊ№8+(5-9)РЊ№9+(10-19)РЊ№10=(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 $S=0.6*C_s+0.4*C_e$

14.	The quality of the educational process	Adherence to the principles of academic integrity (http://lib.nure.ua/plagiat). Update of the discipline's work program – 2026.
15.	Methodological support	1. COMPLEX OF EDUCATIONAL AND METHODOLOGICAL SUPPORT of the educational discipline "Accreditation and Authorization of Departments and Institutions in the Field of Technical Regulation" for Students of All Forms of Study of the Specialty 152 "Metrology and Information and Measuring Equipment" of the Educational and Qualification Level "Bachelor" / Ed. Egorov A.B. – Kharkiv: NURE.
16.	The developer of the Syllabus	I.Moshchenko, Department of Information and Measurement Technology, PhD E-mail: inna.moshchenko@nure.ua