

Syllabus Form of Academic Discipline

№	Field name	Detailed content, comments
1	Name of the faculty	Faculty of Infocommunications
2.	The level of higher education	Master's
3.	Code and title of specialty	152 Metrology and Information-Measuring Engineering
4.	The type and title of the educational program	Educational professional program «Quality, Standardization and Certification»
5.	Code and title of the discipline	Certification in Industries
6.	Number of ECTS credits	5
7.	The structure of the course (distribution by type and hours of training)	30 h. – 15 lectures, 20 h. – 10 practical, 10 h. – 5 consultations, 90 h. – independent work, semester control: combined exam
8.	Schedule (terms) of study of the subject	1-st course, 2-nd semester of study
9.	Prerequisites for learning the discipline	A higher education applicant should to know Certification of Products and Quality Systems
10.	Abstract (content) of the discipline	Content modules (topics): 1. The current state of the conformity assessment system in Ukraine. 2. Implementation of conformity assessment activities. 3. Conformity assessment of different types of products
11.	Competencies, knowledge, skills, understanding that a higher education acquirer has in the learning process	The ability to manage and determine the main directions of work in the field of conformity assessment taking into account metrological, regulatory, technical, technological, economic, social and legal aspects
12.	Learning outcomes of a Higher Education applicant	The ability to demonstrate in-depth knowledge of the importance of conformity assessment in the context of economic globalization; main regulatory documents in the field of conformity assessment; principles, types and procedures of conformity assessment; the procedure for certification, declaration of conformity, accreditation of conformity assessment bodies, market surveillance; ability to organize work on conformity assessment of any objects; use regulatory and regulatory literature to implement conformity assessment procedures; solve practical problems of conformity assessment of objects; possession of skills in the process of conformity assessment of products, process, systems and personnel both by the applicant and by the conformity assessment body
13.	Assessment system in accordance with each task for taking tests/exams	1. Perform tasks for practical work 2. Get at least 60 points per semester. 3 Pass the combined exam. Exam score $O_{ек3} = (60-100)$ points Exam in oral form Final score: $O_{л}^{ек3} = 0,6 \cdot O_{ссм} + 0,4 \cdot O_{ек3}$.

14.	The quality of the educational process	Adherence to the principles of academic integrity (http://lib.nure.ua/plagiat). Updating the content of the discipline – 2019.
15.	Methodological support	<p>1. Комплекс навчально-методичного забезпечення навчальної дисципліни "Сертифікація в галузях промисловості" підготовки магістра спеціальності 152 «Метрологія та інформаційно-вимірювальна техніка» освітньо-професійної програми «Якість, стандартизація та сертифікація» [Електронний ресурс] / ХНУРЕ ; розроб. Н.В. Штефан. – Харків, 2017. – 57 с. http://catalogue.nure.ua/knmz.</p> <p>2. Черепков С. Т. Технічне регулювання та підтвердження відповідності в Україні: підручник [Текст] // С.Т. Черепков, С.І. Кондрашов, М.М. Будьоний, О.Т. Дорошин, О.Д. Цициліано, Л.В. Константинова. – Харків : Підручник НТУ «ХПІ», 2010. – 439 с.</p> <p>3. Вардакас Є. Новий підхід у Європейському Союзі: загальний огляд [Текст]: навчальний посібник / Євангелос Вардакас. – К., 2010. – 50 с</p>
16.	The developer of the Syllabus	N.V. Shtefan, Associate Professor of the MTE Department, PhD in Technical Sciences E-mail: natalya.shtefan@nure.ua