

# « STANDARDIZATION AND CERTIFICATION OF NON-DESTRUCTIVE TESTING TOOLS »

## ANNOTATION TO THE CURRICULUM OF THE INSTITUTION OF HIGHER EDUCATION

### Specialty 1-38 80 01 - "Instrument making"

	Form of higher education	
	Full-time (daytime)	Correspondence
Well	1	1
Semester	1	2
Lectures, hours	eighteen	four
Practical (seminar) classes, hours	eighteen	four
Laboratory classes, hours	-	-
Classroom hours per academic discipline	36	8
Test, semester	1	2
Independent work, hours	54	82
Total hours per academic discipline / credit units	90/3	

#### 1. Brief content of the academic discipline.

The discipline " Standardization and certification of non-destructive testing " aims to master the fundamentals, requirements and methods of standardization and to confirm the conformity of products for the qualified participation of specialists in product quality management and ensuring its competitiveness.

#### 2. As a result of mastering the academic discipline , the student must

know: about the main tasks, concepts and algorithms of standardization and certification; theoretical foundations, principles and methods of standardization , fundamentals of parametric complex and advanced standardization; basics of standardization of interbranch systems, types of standards and the sequence of their development; features of standardization and certification of non-destructive testing tools .

be able to: apply the principles and methods of standardization and certification ; draw up a plan for certification tests; draw up regulatory documents submitted to the certification body and filled in the certification body .

possess: the skills of processing technological and technical documentation in accordance with the basic rules and requirements of the regulatory documents of the certification and standardization system for the main types of products (services), processes, non-destructive testing tools .

3. Competences being formed: SC-3 - Use a modern regulatory framework in the implementation of monitoring and diagnostics

4. Requirements and forms of current and intermediate certification: test (oral and written form). In order to be admitted to the test, the student, in accordance with the program, must complete and defend the completed practical tasks.