Academic discipline:
" Metrology, standardization and certification (in information technology)"

Code and name of specialty	1-40 01 01 Information Technology Software
Training course	2
Semester of training	4
Number of class hours:	50
Lectures	18
Seminar classes	-
Practical classes	-
Laboratory classes	32
Form of current assessment (credit/differential credit/exam)	credit
Number of credits	3
Competencies to be formed	Apply methods and methods of parameter control, standardization and certification of software and computer systems
Summary of the content of the academic discipline:	
The course "Metrology, standardization and certification (in information technologies)" is focused on studying the main national and international standards in the field of software life cycle, quality models and methods for assessing the quality of software tools, the basics of technical regulation, standardization and conformity assessment in the Republic of Belarus. The course of the discipline presents the theoretical foundations of organizing software certification, software quality metrics, current standards for software, software documentation and their quality, the main provisions of regulatory legal acts, technical regulatory legal acts regulating the field of technical regulation and standardization of software.	