




Rules of technical regulation in European Union

Field of knowledge «Automation and instrument engineering»

Level of education	Second (master)		
Rank of the discipline	Obligatory		
Amount of study	90 hours/ 3 credits ECTS		
Language	English		
Abstract	<p>Discipline «Rules of technical regulation in European Union» encloses questions related to the content of modern EU directives; concepts of «new» and «global» approaches of technical regulation; modular principle of conformity assessment; principles of appropriate conformity assessment institutions notification; principles of labeling with sign CE; principles of market surveillance; application of statistical methods for goods and services quality control: application of control cards; principles of stratification; Pareto diagrams; correlation analysis; application of checklists; building and analysis of distribution histograms, building and analysis of Isikava diagrams; accuracy estimation for technological processes. Besides basic knowledge of quality management principles in correspondence with ISO 9001:2015 normative is going to be considered, so as process approach in quality management, cycles of continuous improvement, principles of risk-oriented approach to quality management etc. Discipline «Rules of technical regulation in European Union» encloses such concepts as «context of the company», «leadership», «planning», «provision», «operating», «activity results evaluation», «improvement» inside the total quality management of a company or institution</p>		
Prerequisites	Knowledge in standardization, principles of certification and conformity assessment, metrology and theory of measurements, total quality management		
Department	Intellectual Instrumentation Systems and Quality Management department		
Faculty	Aviation Control Systems faculty		
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		Position	Dean of the faculty
		Academic rank	Associate professor
		Academic degree	Doctor of engineering sciences
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Link to online tutorials			
Link to the work programme (syllabus)	https://khai.edu/assets/files/silabusi/rp_m_nmk-2_Rules-of-technical-regulation-in-European-Union_eng.pdf		