

FUNDAMENTALS OF INTELLECTUAL PROPERTY MANAGEMENT

COURSE SYLLABUS ABSTRACT

Specialty: 6-05-0714-02 Mechanical engineering technology, metal-cutting machines and tools

Specialization: Mechanical engineering technology. Equipment and technologies for highly efficient material processing processes. Technological equipment for mechanical engineering production.

Specialty: 6-05-0714-03 Engineering and technical design and production of materials and products made of them.

Specialization: Equipment and technology for welding production.

Specialty: 6-05-0713-04 Automation of technological processes and production.

Specialization: Automation of technological processes and production in mechanical engineering

Specialty: 6-05-0611-01 Information systems and technologies.

Specialization: Information systems and technologies in design and production

Specialty: 6-05-0722-05 Production of products based on three-dimensional technologies.

STUDY MODE					
	Full-time	Part-time (part-time, shortened program) 6-05-0714-02	Part-time (shortened program) 6-05-0714-03	Part-time 6-05-0714-03	Part-time (shortened program) 6-05-0611-01
Year	3	3	3	4	2
Semester	6	6	5	7	4
Lectures, hours	16	4	4	4	4
Practical (seminar) classes, hours	16	4	4	4	4
Report, semester	6	6	5	7	4
Classroom hours per academic discipline	32	8	8	8	8
Independent work, hours	76	100	100	100	100
Total hours per academic discipline / credit units	108//				

1. The objective of the course is to provide students with theoretical and practical knowledge in the field of intellectual property, which will enable future specialists to improve their inventive, rationalization and innovative activities in the Republic of Belarus.

2. Expected results of studying the course:

to know: interpretation of basic concepts and terms in the field of intellectual property; fundamentals of international law and national legislation in the field of intellectual property; procedure for registration and protection of rights to intellectual property in the Republic of Belarus and abroad; main types of patent information and methods of conducting patent research; types of liability for violation of the rights of intellectual property owners and methods of protecting these rights; methods of introducing intellectual property into civil circulation; methods and procedure for transferring rights to use intellectual property; fundamentals of the economics of intellectual property; fundamentals of intellectual property management systems;

be able to: conduct patent research (patent information search, including using the Internet; assess the patentability of technical solutions, patent purity, etc.); draft applications for the issuance of security documents for industrial property; draw up contracts for the transfer of property rights to intellectual property; develop an intellectual property management system in the organization;

to possess a skill: methods for assessing the value of industrial property; methods of rational protection of industrial property; skills in working with international patent classifications and determining the class of the subject of the search.

3. Competencies.

Mastering this academic discipline should ensure the formation of the following competencies:

For specialty 6-05-0714-02 Mechanical engineering technology, metal-cutting machines and tools. Profile: Mechanical engineering technology. Equipment and technologies for highly efficient material processing processes, 6-05-0714-03 Engineering and technical design and production of materials and products made of them. Profile: Equipment and technology for welding production, For specialty 6-05-0713-04 Automation of technological processes and production. Profile: Automation of technological processes and production in mechanical engineering, 6-05-0722-05 Production of products based on three-dimensional technologies: Apply the norms of international and national legislation in the process of creating and implementing intellectual property objects.

For specialty 6-05-0714-02 Mechanical engineering technology, metal-cutting machines and tools. Profiling: Technological equipment for mechanical engineering production: Know the structure and volume of intellectual property, domestic legislation in the field of intellectual property protection, features of foreign legislation in this area, forms of transfer (trade) of intellectual property objects.

For specialty 6-05-0611-01 Information systems and technologies. Profiling: Information systems and technologies in design and production: To master the basics of designing mechanisms, machines, technological equipment and technological processes of mechanical engineering production.

4. Requirements and forms of midcourse evaluation and summative assessment.

Current and interim assessment are conducted in written and oral-written form by means of tests, reports on practical classes with their oral defense, and written tests.