

# **BASICS OF INTELLECTUAL PROPERTY MANAGEMENT**

(name of the discipline)

## **ANNOTATION**

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

**Specialty** 1-36 01 01 Engineering technology

1-36 01 03 Technological equipment of machine-building production

1-36 01 06 Equipment and technology of welding production

1-53 01 01 Automation of technological processes and production

Form of higher education				
	Full-time (daytime)	Correspondence (abbreviated) 1-36 01 01, 1-36 01 03	Correspondence (abbreviated) 1-36 01 06	Correspondence (full) 1-36 01 06
Well	4	4	4	5
Semester	7	7	8	9
Lectures, hours	16	2	2	2
Practical (seminar) classes, hours	16	2	2	2
Report, semester	7	7	8	9
Classroom hours per academic discipline	32	4	4	4
Independent work, hours	58	86	86	86
Total hours per academic discipline / credit units	90			

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

The discipline "Fundamentals of Intellectual Property Management" contains general ideas about intellectual property that allow future specialists to improve inventive, rationalization and innovation activities in the Republic of Belarus

#### **2. Learning Outcomes**

A student who has studied the discipline should **know**:

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

A student who has studied the discipline should **be able to**:

conduct patent research (patent information search, including using the Internet; evaluation of the patentability of technical solutions, patent purity, etc.);

- draw up applications for the issuance of titles of protection for objects of industrial property;
- draw up contracts for the transfer of property rights to objects of intellectual property;
- develop an intellectual property management system in the organization;

A student who has studied the discipline **must have**:

methods for assessing the value of industrial property objects;

- methods of rational form of protection of objects of industrial property;
- skills of working with international patent classifications and determining the class of the search subject.

#### **3. Formed competencies:**

Codes of generated competencies	Names of competencies being formed
For the specialty 1-53 01 01	
SK-15	Own the basic methods, methods and means of obtaining storage, processing of information, skills in working with computers as a means of managing information, using computer networks
For the specialty 1-36 01 03	
BPK-3	Be able to use modern information software for creating electronic technical documentation, multimedia presentations, processing databases, searching for scientific and technical information on the Internet, building software products for solving technical problems
For the specialty 1-36 01 01	
BPK-1.3	Own the basic methods, methods and means of obtaining storage, processing of information, skills in working with computers as a means of managing information, using computer networks
For the specialty 1-36 01 06	
BPK-4	Own the basic methods, methods and means of obtaining storage, processing of information, skills in working with computers as a means of managing information, using computer networks

#### **4. Requirements and forms of current and intermediate certification**

Current and intermediate certification is carried out in written and oral-written form through reports on laboratory work with their oral defense, written test.