


Discipline	24 code: INTELLECTUAL PROPERTY PROTECTION 4 th semester	
Specialty	Industrial Management	
ECTS credits: 5	Form of assessment:	
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Department	Industrial Management	
Faculty	Faculty of Mechanical Engineering and Technologies	

Learning objectives:

Intellectual Property Protection is a discipline which is included in the Curriculum of the specialty "Industrial Management" for students in Bachelor Degree of education. The discipline provides specialized knowledge on domestic and international regulation regarding the registrable regime of the types of intellectual property objects. Emphasis in the preparation of students is a built system of knowledge, the assimilation of which is the basis for the correct interpretation not only of the norms of intellectual property law, but also of a number of legal institutions as a whole. Special attention is paid to the types of contracts that can be concluded with the users of the intellectual product. In this direction, fundamental concepts of bond and commercial law, of new forms for deployment of entrepreneurial activity by specialists, for the possibility of starting a startup, spin-off or spin-out entities are clarified. Emphasis in the training course is on the peculiarities of various types of intellectual property objects - inventions, utility models, trademarks, industrial designs, computer programs, databases, works of science and art, copyrights, domain rights and any other objects whose protection is not related to a registration regime. Students will acquire knowledge of handling patent information, knowledge of preliminary research in the world databases for the prevention of infringements, of the economic use of intellectual property in the economy as a key factor for business success for any business entity.

CONTENTS:

Training Area	Hours lectures	Hours Seminar classes
<u>Lectures(Topics):</u>	2	1
Topic 1. Essence, subject, method and subjects of intellectual property law. Peculiarities and comparison with other objects of law.		
Topic 2. Types of intellectual property.	2	1
Topic 3. Sources and principles of intellectual property law.	2	1
Topic 4. Principles of legal protection. Principle of territorial action. Principle	2	1

of operation with respect to time.		
Topic 5. Concept of intellectual and industrial property. Nature and types of industrial property.	2	1
Topic 6. Invention. Intangible objects that are not inventions. 6.1. Theory of the technical effect. Criteria for patentability. Industrial applicability and novelty. An inventive step.	2	1
Topic 7. International protection of an invention abroad. Prerequisites for foreign economic implementation of an invention. Principles of the Paris Convention related to obtaining a patent abroad.	2	1
Topic 8. Patent cooperation treaty (PCT). International phase. Submission of an international application under the PCT system in the Patent Office of the Republic of Bulgaria.	2	1
Topic 9. Regional systems for obtaining a patent abroad. European patent system. European Patent Convention. European patent.	2	1
Topic 10. Useful model. Utility model protection. Novelty, inventive step and industrial applicability.	2	1
Topic 11. International classifications. Principles and purposes of using classifications.	2	1
Topic 12. Trademark. Brand concept. Types of brands.	2	1
Topic 13. Registration of the European trademark and trademarks in accordance with the Madrid Agreement and the Protocol thereto.	2	1
Topic 14. Industrial design. Industrial design protection.	2	1

Topic 15. International registration of industrial design. Hague Agreement.	2	1
TOTAL:	30	15
<u>Seminars:</u>	2	
Topic1. Types of intellectual property		
Topic 2. Sources and principles of intellectual property law.	2	
Topic 3. Invention. Intangible objects that are not inventions. Theory of the technical effect. Criteria for patentability. Industrial applicability and novelty. An inventive step.	2	
Topic 4. Theory of the technical effect.	2	
Topic 5. Criteria for patentability. Industrial applicability and novelty. An inventive step.	2	
Topic 6. Regional systems for obtaining a patent abroad. European patent system. European Patent Convention. European patent.	2	
Topic 7. Useful model. Utility model protection. Novelty, inventive step and industrial applicability. Industrial Design.	3	
TOTAL:	15	