

Faculty of Civil and Environmental Engineering						
Study programme:	Construction and Building Systems Engineering		Degree level: Bachelor's degree			
Specialization			full-time/part-time programme:			
Module name:	Intellectual property protection					
Module type:	obligatory	Semester:	1	ECTS	1	Module ID: CBSE1117
No. of hrs in semester:	L - 15 C -		LC-	P-	SW-	S-
Prerequisites:	<i>Complete with prerequisites or "-"</i>		-			
Aims and objectives:	<i>Description of the assumed knowledge, skills and social competence the student should have acquired after the completion of the module:</i>		Basic concepts of industrial property protection, copyright law, legal use of somebody's intellectual property and the principles of their protection. Presentation of the information sources according to the intellectual property rights protection, national and international patent information.			
Forms of teaching activities:	lecture		Assessment:	<i>Evaluation must be relevant to the intended learning outcomes</i>		
			lecture – written evaluation			
Module content:	<i>The legal basis for intellectual property protection. Basic concepts of copyright law. The types of works, the artist rights, employee works. Copyright protection in the country and around the world. Legal use of the work of the others. Basic concepts of industrial property. "Protected" and "not protected" property. Protection of Industrial Property. The procedures in Patent Office and the role of patent attorney. Types of patent information (description and classification systems). Sources of patent information in the country and abroad, databases containing patents. Organizations and international agreements related to intellectual property. Intellectual property in universities.</i>					
Teaching methods:	<i>lecture</i>					
Learning outcome	<i>Specify min. 4, max. 8 learning outcomes in the following order: knowledge – skills – competence. Each learning outcome must be verifiable</i>				<i>Reference to the programme learning outcomes</i>	
LO1	Student: interprets and applies the regulations on intellectual property				K_B1_W16, K_B1_U20	
LO2	Defines and identifies ways of intellectual property rights protection, national and international institutions responsible for this protection				K_B1_W16	
LO3	Identifies and explains ways of intellectual property use in the university and company				K_B1_W16, K_B1_K02	
LO4	Defines the conditions of somebody's intellectual property use meanwhile writing the thesis				K_B1_W16, K_B1_U20	
LO5	Able to use the Internet and other sources of databases				K_B1_U23	
LO6	Able to apply relevant legislation to solve problems in the field of copyright protection and industrial property				K_B1_U20	
LO7	In professional manner make independent decisions in business				K_B1_K05	
LO8						
No. of learning outcome	Methods of assessing the learning outcome				Type of teaching activities (if more than one) during which the outcome is assessed	

L01	lecture – written exam		L
L02	lecture – written exam		L
L03	lecture – written exam		L
L04	lecture – written exam		L
L05	lecture – written exam		L
L06	lecture – written exam		L
L07	lecture – written exam		L
L08			
Student workload (in hours)	lecture attendance	15	15
	participation in classes, laboratory classes, etc.		
	preparation for classes, laboratory classes, projects, seminars, etc.		
	working on projects, reports, etc.		
	participation in student-teacher sessions related to the classes/seminar/project	1	1
	implementation of project tasks		
	preparation for and participation in exams/tests	10	10
	searching and studying the material available in the Inetnet (patent databases UP RP, European Patent Office, Office for Harmonization in the Internal Market)	2	2
		TOTAL:	
Quantitative indicators	Student workload – activities that require direct teacher participation:	16	ECTS 0,5
	Student workload – practical activities:	14	0,5
Basic references:	<p>1. Pila J., Torremans P. <i>European Intellectual Property Law</i>. Oxford University Press, Oxford, 2016.</p> <p>2. Brauneis R.F. (red.): <i>Intellectual property protection of fact-based works</i>. Edward Elgar Publishing Limited, Glos, UK, 2009.</p> <p>3. Bently L., Sherman B. <i>Intellectual Property Law</i>. Oxford University Press, Oxford, 2008.</p> <p>4. WIPO. <i>Intellectual Property Handbook: Policy, Law and Use</i>. WIPO Publication, eBook, 2008.</p>		
Supplementary references:	<p>1. Qu G., Potkonja M. <i>Intellectual property protection in VLSI design : theory and practice</i>. Kluwer Academic Publ, Boston, 2003.</p> <p>2. Brazell L. <i>Intellectual Property Protection and Enforcement</i>. Thorogood Herndon, London, 1998.</p>		
Unit:	Division of Fundamentals of Construction and Building Physics		
Date of issuing the programme:	12.01.2017	Author of the programme:	Robert Stachniewicz, PhD, Eng

L - lecture C - classes
SW - specialization workshop

LC - laboratory classes P-project
S - seminar