

香川高等専門学校		開講年度	令和06年度（2024年度）		授業科目	特別講義Ⅰ（知的財産の基礎及び国家試験対策）
科目基礎情報						
科目番号	4137			科目区分	専門 / 選択	
授業形態	授業			単位の種別と単位数	履修単位: 1	
開設学科	情報工学科（2019年度以降入学者）			対象学年	4	
開設期	集中			週時間数		
教科書/教材	Teaching materials, handouts (PowerPoint), etc.					
担当教員	中井 博					
到達目標						
1. Can explain the basic matters related to intellectual property from the viewpoint of its social values and importance. 2. Can explain techniques for developing new ideas necessary in acquiring intellectual property, etc.						
ルーブリック						
		Ideal Level	Standard Level		Unacceptable Level	
Evaluation Item (1)		Can explain the basic matters related to intellectual property from the viewpoint of its social values and importance.	Can explain the basic matters related to intellectual property to some extent.		Cannot explain the basic matters related to intellectual property.	
Evaluation Item (2)		Can explain techniques for developing new ideas necessary in acquiring intellectual property, etc.	Can explain to some extent techniques for developing new ideas necessary in acquiring intellectual property, etc.		Cannot explain techniques for developing new ideas necessary in acquiring intellectual property, etc.	
学科の到達目標項目との関係						
教育方法等						
概要	This class allows the students to deeply understand that the laws of the systems of intellectual property rights are laws for protecting companies and engineers by learning what the purpose of creating the system is and what role and function it plays in society. Furthermore, the students will understand the importance and role of patent information, which is the foundation of intellectual property activities and a "treasure trove" for product development. They will also acquire skills to utilize patent information for nurturing creativity and manufacturing and developing products in their future by acquiring techniques to search and utilize patent information. This class is taught in a lecture and practical training style by an invited instructor who has practical experience (patent office examiner, intellectual property advisor) for fourth-year students during the summer vacation and specified periods.					
授業の進め方・方法	The class allows the students to understand an outline of intellectual property rights, to comprehend how intellectual property rights are utilized in business activities, to recognize the importance of intellectual property rights, and to improve awareness of intellectual property. It also allows them to deeply understand how important it is to be aware of intellectual property in manufacturing and developing products by learning, with some actual inventions and products, how patents, utility models, designs, trademarks, unfair competition prevention laws, etc. protect inventions and products and what happens in the market if they are protected and if they are not.					
注意点						
授業の属性・履修上の区分						
<input type="checkbox"/> アクティブラーニング		<input type="checkbox"/> ICT 利用		<input type="checkbox"/> 遠隔授業対応		<input type="checkbox"/> 実務経験のある教員による授業
授業計画						
		週	授業内容	週ごとの到達目標		
前期	1stQ	1週	Systems of intellectual property rights	Understands the systems of intellectual property rights.		
		2週	〃	〃		
		3週	Objectives of the systems of patents, utility models, designs, and trademarks and the comparison of the systems	Understands the differences between the systems of patents, utility models, designs, and trademarks.		
		4週	〃	〃		
		5週	〃	〃		
		6週	Intellectual property in business activities	Understands the actual use and importance of intellectual property in companies.		
		7週	〃	〃		
		8週	〃	〃		
	2ndQ	9週	Patent Law (basic system)	Understands the outline of the patent system.		
		10週	〃	〃		
		11週	Patent Law (acquisition of rights, utilization)	Understands the acquisition and utilization of patent rights.		
		12週	〃	〃		
		13週	Utility Model Act	Understands the utility model system and its difference from the patent system.		
		14週	Design Act	Understands the outline of the design rights system and how to utilize it.		
		15週	〃	〃		
		16週				
後期	3rdQ	1週	Trademark rights	Understands the trademark system and how to utilize it.		
		2週	〃	〃		

		3週	Copyright Act	Understands an outline of the copyright system and the use of copyrighted works.
		4週	"	"
		5週	Unfair Competition Prevention Act	Understands the outline of the Unfair Competition Prevention Act.
		6週	"	"
		7週	International application system (Paris Convention)	Understands the Paris Convention, which is the basis of the international application system.
		8週	"	"
	4thQ	9週	International application system (PCT application)	Understands the outline of the international application system and right acquisition under it.
		10週	"	"
		11週	Exercises on the use of intellectual property (patents)	Understands how to obtain patent information and the use of patents, through case studies.
		12週	"	"
		13週	"	"
		14週	Exercises on the use of intellectual property (designs, trademarks, copyrights)	Understands the use of designs, trademarks, and copyrights, through case studies.
		15週	"	"
		16週		

モデルコアカリキュラムの学習内容と到達目標

分類	分野	学習内容	学習内容の到達目標	到達レベル	授業週
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評価割合

	Examination	Presentation	Mutual Evaluations between students	Behavior	Portfolio	Other	合計
総合評価割合	60	0	0	20	20	0	100
Basic Proficiency	60	0	0	20	20	0	100
Specialized Proficiency	0	0	0	0	0	0	0
Cross Area Proficiency	0	0	0	0	0	0	0