

Tamkang University Academic Year 114, 1st Semester Course Syllabus

Course Title	PATENT MANAGEMENT	Instructor	CHEN, DUEN-KAI
Course Class	TEIDB3A DEPARTMENT OF COMPUTER SCIENCE AND INFORMATION ENGINEERING (ENGLISH-TAUGHT PROGRAM), 3A	Details	◆ General Course ◆ Selective ◆ One Semester ◆ 3 Credits
Relevance to SDGs	SDG4 Quality education SDG9 Industry, Innovation, and Infrastructure		
D e p a r t m e n t a l A i m o f E d u c a t i o n			
I . Comprehend professional knowledge. II . Acquire mastery of Practical Skills. III . Establish creative achievement.			
Subject Departmental core competences			
A. Programming and application ability.(ratio:15.00) B. Mathematical reasoning ability.(ratio:15.00) C. Implementing computer systems ability.(ratio:15.00) D. Computer networking application skills.(ratio:15.00) E. Professional skills for information technology (IT) industry.(ratio:40.00)			
Subject Schoolwide essential virtues			
1. A global perspective. (ratio:10.00) 2. Information literacy. (ratio:10.00) 3. A vision for the future. (ratio:10.00) 4. Moral integrity. (ratio:20.00) 5. Independent thinking. (ratio:20.00) 6. A cheerful attitude and healthy lifestyle. (ratio:10.00) 7. A spirit of teamwork and dedication. (ratio:10.00) 8. A sense of aesthetic appreciation. (ratio:10.00)			

Course Introduction	This course provides the basic knowledge of intellectual property, patent system, innovation management, and basic marketing methods in intellectual property.			
<p align="center">The correspondences between the course's instructional objectives and the cognitive, affective, and psychomotor objectives.</p> <p>Differentiate the various objective methods among the cognitive, affective and psychomotor domains of the course's instructional objectives.</p> <p>I. Cognitive : Emphasis upon the study of various kinds of knowledge in the cognition of the course's veracity, conception, procedures, outcomes, etc.</p> <p>II.Affective : Emphasis upon the study of various kinds of knowledge in the course's appeal, morals, attitude, conviction, values, etc.</p> <p>III.Psychomotor: Emphasis upon the study of the course's physical activity and technical manipulation.</p>				
No.	Teaching Objectives			objective methods
1	Students will explore and learn from lectures, discussions, and case studies of how global businesses have used intellectual property law to generate value from these intangible assets.			Cognitive
The correspondences of teaching objectives : core competences, essential virtues, teaching methods, and assessment				
No.	Core Competences	Essential Virtues	Teaching Methods	Assessment
1	ABCDE	12345678	Lecture, Discussion, Practicum	Study Assignments, Discussion(including classroom and online), Practicum, Report(including oral and written), Activity Participation
Course Schedule				
Week	Date	Course Contents		Note
1	114/09/15 ~ 114/09/21	Course overview		
2	114/09/22 ~ 114/09/28	Introduction to intellectual property		
3	114/09/29 ~ 114/10/05	Intellectual property commercialization		

4	114/10/06 ~ 114/10/12	Intellectual property and business strategies	
5	114/10/13 ~ 114/10/19	Introduction to patent system	
6	114/10/20 ~ 114/10/26	How to read a patent and understand patent claims	
7	114/10/27 ~ 114/11/02	How to read a patent and understand patent claims	
8	114/11/03 ~ 114/11/09	Patent and business strategies	
9	114/11/10 ~ 114/11/16	Midterm Exam/Midterm Assessment Week	
10	114/11/17 ~ 114/11/23	Patent and prior art search	
11	114/11/24 ~ 114/11/30	Patent and prior art search	
12	114/12/01 ~ 114/12/07	Discussion on patentability	
13	114/12/08 ~ 114/12/14	Obtaining patent rights and process of getting a patent	
14	114/12/15 ~ 114/12/21	Software patent	
15	114/12/22 ~ 114/12/28	Business method patent	
16	114/12/29 ~ 115/01/04	Final Week of Diverse Assessments	
17	115/01/05 ~ 115/01/11	Final Week of Diverse Assessments/Flexible Teaching Week for Teachers	
18	115/01/12 ~ 115/01/18	Flexible Teaching Week for Teachers	
Key capabilities		self-directed learning International mobility Information Technology Interdisciplinary	
Interdisciplinary		In addition to teaching content of the teacher's professional field, integrate other subjects or invite experts and scholars in other fields to share knowledge or teaching	
Distinctive teaching		Project implementation course	
Course Content		Intellectual Property (learning intellectual property) AI application	

Requirement	In-class discussion is critical for this course. Students may be required to purchase Harvard Business Cases for course projects.
Textbooks and Teaching Materials	Self-made teaching materials:Presentations, Handouts, Videos, Worksheets Using teaching materials from other writers:Presentations, Videos, case study
References	
Grading Policy	<p>◆ Attendance : % ◆ Mark of Usual : 50.0 % ◆ Midterm Exam : 5.0 %</p> <p>◆ Final Exam : 5.0 %</p> <p>◆ Other <case studies> : 40.0 %</p>
Note	<p>This syllabus may be uploaded at the website of Course Syllabus Management System at https://web2.ais.tku.edu.tw/csp or through the link of Course Syllabus Upload posted on the home page of TKU Office of Academic Affairs at http://www.acad.tku.edu.tw/CS/main.php.</p> <p>※"Adhere to the concept of intellectual property rights" and "Do not illegally photocopy, download, or distribute." Using original textbooks is advised. It is a crime to improperly photocopy others' publications.</p>