

## Tamkang University Academic Year 113, 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	<ul style="list-style-type: none"> <li>◆ General Course</li> <li>◆ Selective</li> <li>◆ One Semester</li> <li>◆ 3 Credits</li> </ul>
Relevance to SDGs	SDG4 Quality education SDG9 Industry, Innovation, and Infrastructure		
<b>Departmental Aim of Education</b>			
I. Comprehend professional knowledge. II. Acquire mastery of Practical Skills. III. Establish creative achievement.			
<b>Subject Departmental core competences</b>			
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)			
<b>Subject Schoolwide essential virtues</b>			
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 activity results.
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**The correspondences between the course's instructional objectives and the cognitive, affective, and psychomotor objectives.**

Differentiate the various objective methods among the cognitive, affective and psychomotor domains of the course's instructional objectives.

- I. Cognitive : Emphasis upon the study of various kinds of knowledge in the cognition of the course's veracity, conception, procedures, outcomes, etc.
- II. Affective : Emphasis upon the study of various kinds of knowledge in the course's appeal, morals, attitude, conviction, values, etc.
- III. Psychomotor: Emphasis upon the study of the course's physical activity and technical manipulation.

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	113/09/09 ~ 113/09/15	Course overview	
2	113/09/16 ~ 113/09/22	Introduction to intellectual property	
3	113/09/23 ~ 113/09/29	Intellectual property commercialization	

4	113/09/30 ~ 113/10/06	Intellectual property and business strategies	
5	113/10/07 ~ 113/10/13	Introduction to patent system	
6	113/10/14 ~ 113/10/20	How to read a patent and understand patent claims	
7	113/10/21 ~ 113/10/27	How to read a patent and understand patent claims	
8	113/10/28 ~ 113/11/03	Patent and business strategies	
9	113/11/04 ~ 113/11/10	Midterm Exam/Midterm Assessment Week	
10	113/11/11 ~ 113/11/17	Patent and prior art search	
11	113/11/18 ~ 113/11/24	Patent and prior art search	
12	113/11/25 ~ 113/12/01	Discussion on patentability	
13	113/12/02 ~ 113/12/08	Obtaining patent rights and process of getting a patent	
14	113/12/09 ~ 113/12/15	Software patent	
15	113/12/16 ~ 113/12/22	Business method patent	
16	113/12/23 ~ 113/12/29	Patent, business strategies, and startups	
17	113/12/30 ~ 114/01/05	Final Exam/Final Assessment Week	
18	114/01/06 ~ 114/01/12	Flexible Teaching Week for Teachers (In principle, no in-person classes; teachers may arrange teaching activities or final assessments, etc.)	
Key capabilities	self-directed learning International mobility Interdisciplinary		
Interdisciplinary			
Distinctive teaching			
Course Content	Intellectual Property (learning intellectual property)		

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	<ul style="list-style-type: none"> <li>◆ Attendance :            %    ◆ Mark of Usual : 30.0 %    ◆ Midterm Exam : 5.0 %</li> <li>◆ Final Exam :    5.0 %</li> <li>◆ Other &lt;case studies&gt; : 60.0 %</li> </ul>
Note	<p>This syllabus may be uploaded at the website of Course Syllabus Management System at <a href="http://info.ais.tku.edu.tw/csp">http://info.ais.tku.edu.tw/csp</a> or through the link of Course Syllabus Upload posted on the home page of TKU Office of Academic Affairs at <a href="http://www.acad.tku.edu.tw/CS/main.php">http://www.acad.tku.edu.tw/CS/main.php</a> .</p> <p><b>※ Unauthorized photocopying is illegal. Using original textbooks is advised. It is a crime to improperly photocopy others' publications.</b></p>