

Hokkaido University Syllabus

<p>■ ■ Course Title</p>					
<p>Patent and Document Preparation</p>					
<p>■ ■ Subtitle</p>					
<p>■ ■ Instructor (Institution)</p>					
<p>Ryosuke SUZUKI(Faculty of Engineering)</p>					
<p>■ ■ Other Instructors (Institution)</p>					
<p>Ryosuke SUZUKI(Faculty of Engineering) Naoki HIGUCHI(Front Office for Human Resource Education and Development) Ikuo TERAUCHI(Institute for the Promotion of Business-Regional Collaboration) Osamu SUGITA(Hokkaido University Hospital) Takuya YOSHIHARA(Front Office for Human Resource Education and Development) Shigehiko YAMAGUCHI(Center for Innovation and Business Promotion) Akio ICHISHIO Takahiko TOMITA</p>					
<p>■ ■ Course Type</p>				<p>■ ■ Open To Other Faculties / Schools</p>	<p>OK</p>
<p>■ ■ Year</p>	<p>2016</p>	<p>■ ■ Semester</p>	<p>1st Semester (Spring Quarter)</p>	<p>■ ■ Course Number</p>	<p>015481</p>
<p>■ ■ Type of Class</p>	<p>Lecture</p>	<p>■ ■ Number of Credits</p>	<p>1</p>	<p>■ ■ Year of Eligible Students</p>	<p>4~</p>
<p>■ ■ Eligible Department / Class</p>				<p>■ ■ Other Information</p>	
<p>■ ■ Numbering Code</p>	<p>ENG 3200</p>				
<p>■ ■ Major Category Code</p>	<p>■ ■ Major Category Title</p>				
<p>ENG</p>	<p>Engineering, Graduate School of Engineering</p>				
<p>■ ■ Level Code</p>	<p>■ ■ Level</p>				
<p>3</p>	<p>General Education Courses offered in upper years; Specialized Subjects (advanced)</p>				
<p>■ ■ Middle Category Code</p>	<p>■ ■ Middle Category Title</p>				
<p>2</p>					
<p>■ ■ Small Category Code</p>	<p>■ ■ Small Category Title</p>				
<p>0</p>					
<p>■ ■ Language Code</p>	<p>■ ■ Language Type</p>				
<p>0</p>	<p>Classes are in Japanese.</p>				

■ ■ Key Words

Patents, protection and utilization of inventions, documentation

■ ■ Course Objectives

The students understand the importance of patents, the protection and the utilization of inventions. They can write an example of patent documents.

■ ■ Course Goals

The reason and history of patent law, the relationship between patent law and an invention in science and industry, will be noticed from the intellectual property strategies. The expression in application form is practiced.

■ ■ Course Schedule

5 April (0) Prof.R.O.Suzuki explains the rule of this class to the students briefly.

5 April (1) Prof.S.Yamaguchi "Brief Overview of the Patent law"

The purpose of the Patent law is, through promoting the protection and the utilization of inventions, to encourage inventions, and to contribute to the development of industry. The patent system will be explained based on this purpose with the history, and the relationship between Patent law and an invention in science and industry will be discussed.

12 April (2) Prof.A.Hitoshio "Practice of Patent Attorney regarding patent procedures"

It explains a role of Patent Attorney with examples for obtaining a patent grant on an invention created by students or researchers.

19 April; lecture cancellation due to health control of B4 students

26 April (3) Prof.N.Higuchi "Strategic IP management in a beverage and food company"

Relationship between IP management and marketing strategies in a beverage and food company will be discussed. The countermeasures to fake merchandise in China are also introduced.

3 May; National holiday

10 May (4) Prof. T.Yoshihara "Intellectual property strategies in an IT company"

Under this topic, the buying, selling and licensing of intellectual properties will be discussed.

17 May (5) Prof. O.Sugita "Research and Development of New Pharmaceutical Drugs in Pharmaceutical Company and Patent Strategy"

Research development and patent strategy will be explained based on the experience in taking part of non-clinical research development and filing pharmaceutical approval for manufacturing five pharmaceutical drugs at Suntory holdings, Pharmaceutical Division (Now: Daiichi-Sankyo Company).

24 May; lecture cancellation due to a day of Friday class

31 May (6) Prof.T.Tomita "How to draft the claims and the specification as the patent application documents"

Interpretation and description of invention will be learned in a practical manner. Something familiar such as a pencil will be used as the subject matter.

7 June (7) Prof.I.Terauchi "Summary lesson"

Based on the experience of intellectual property management in Panasonic and Hokkaido University, I'll summarize about the role of all kinds of the intellectual properties at the final lesson and talk about various utilizations of intellectual properties in companies and universities.

■ ■ Homework

Self-learning is needed to acquire the obtained knowledge. No special preparation for this class is needed.

■ ■ Grading System

A series of invited professors in a large auditorium will give the short tests to confirm the attendance of students and to evaluate the level. "Fail" score is given to the students who are absent 3 times without reasonable reasons.

■ ■ Textbooks

■ ■ Reading List

■ ■ Websites

推薦参考書 <http://www.inpit.go.jp/archives/soudanpatent.pdf>

資格試験の受験指導会社による紹介 <http://profession.lec-jp.com/benrishi/introduce.html>

■ ■ Website of Laboratory

Affiliation of professors; <http://www.suntory.co.jp/?ke=hd>

<http://cofre.synfoster.hokudai.ac.jp>

■ ■ Additional Information

The lectures are recorded for e-learning system, and the absent students may use them in future.

■ ■ Update

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