Innovation and Law (Prof. Yuko Kimijima)
Syllabus and Schedule

An introduction to basics of intellectual property (IP) and competition law in light of innovation in the global market. Topics covered are: Open and close strategies of useful information; obtaining, licensing and enforcing patents; copyright law basics and controversies; trade secrets protection and misappropriation; data protection and use of big data; standardization; licensing standard essential patents to supply chains; pharmaceutical patents; and sustainable IP strategies.

1.   Introduction (2hrs) (MON 4 July)
Why do (some) people want innovation?
Competition and unfair competition
Basic concepts of IP law
Open and close strategies of useful information

2.   Protecting technology through patent regime (2hrs) (MON 4 July, TUE 5 July)
Patent law basics
What is patentable?
Patent application and procedure

3.   Patent licensing and enforcement (2hrs) (TUE 5 July)
How to make money from your patents?
License agreement basics
Patent infringement remedies

4.   Copyright law -past, present and future (2hrs) (MON 11 July)
Copyright law basics
What is protected works?
Copyright as a bundle of rights
Technology and copyright
Copyright protection vs. freedom of expression

5.   Trade secrets vs. open innovation (2hrs) (MON 11 July, TUE 12 July)
Trade secrets (TS) protection basics
How to disclose (or not to disclose) your useful information

6.   R&D – Joint research, employees' invention, work for hire, and joint inventorship (2hrs) (TUE 12 July)

Work rules and contracts

Inventorship and ownership

Who should own the patent? Inventors, universities or business?

Not to compete clause and trade secrets

7.   IoT, AI and law (2hrs) (MON 18 July)

Concept of data protection

Big data as property?

Who should make money, if any, from big data, AI services and AI creation?

AI ethics and law

8.   Standardization and law (2hrs) (MON 18 July, TUE 19 July)

Innovation and Standard

Standardization and patents

Patent pool

FRAND licensing declaration and FRAND royalties

What is FRAND?

9.   Licensing standard essential patents (SEP) to supply chains (2hrs) (TUE 19 July)

IoT made automobile industries 4G SEP implementers

Patent pools for SEP licensing

Daimler said not to me, and Nokia said not to Continental

Nokia and Sharp won against Daimler before German courts

What happens next?

10.   Pharmaceutical patents and clinical data protection (2hrs) (MON 25 July)

Extension of patent protection terms

Patent holders vs. generic pharma industries

Developed countries vs. developing countries

COVID-19 and beyond

11.   Entrepreneurs and IP strategies (2hrs) (MON 25 July, TUE 26 July)

Case study of university IP management and researcher/student venture businesses

12.	IP infringement cases and sustainable IP strategies (2hrs) (TUE 26 July)

Case study of IP infringement cases

IP strategies for sustainable business development