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