A. Textbooks


B. Outline and references

Part I. Vertical relations (Patrick Rey, 3 weeks)

1. Introduction: vertical restraints, vertical integration and antitrust issues

2. Vertical coordination
   
a. Double marginalization

b. Nonprice dimensions
c. **Downstream agents**

d. **Upstream agents**

3. **Rivalry among vertical structures**
   a. **Strategic delegation**

b. **Facilitating practices**
c. Interlocking relationships

4. Exclusionary practices
   a. Naked exclusion
b. Vertical integration and foreclosure

Part II: Two-sided markets, Tying and IP (Five weeks, Doh-Shin Jeon)

1. Network competition two-sided markets
   a. Network competition

b. Economics of platforms and two-sided markets


Other reading


2. Tying
a. Monopoly

b. Leverage theory of tying with application to Microsoft case
c. Other applications

d. Tying in two-sided markets

3. Economics of Intellectual Property

a. Introduction

b. Weak patents

c. Patent Pool

d. Patent Trolls

e. Cross-Licensing

f. **Sequential Innovation**

**Part III: Buyer Power, Multi-Product Firms (Two weeks, Stephane Caprice)**

1. **Buyer power**
   a. **Vertical bargaining and countervailing power**

   b. **Sources of buyer power**

   c. **Others**

2. Multi-Product Firms

a. Competitive bundling

b. Shopping costs