This quarter-length doctoral seminar deals with major streams of management research in technology strategy and innovation. We will focus on both classical topics such as incumbents’ management of technological change and industry evolution, and new emergent topics such as ecosystems and platforms. The emphasis will be on understanding the link between technologies and firms in terms of both strategy choices and performance outcomes.

The syllabus lists main readings and optional readings for each class session. The optional readings offer a broader treatment and may serve as useful reference for the final assignment and for those interested in exploring research on a particular topic. You are expected to come fully prepared to discuss and critique the main readings. The readings for each class session have an internal logical flow and are best read in the sequence laid out in the syllabus. In addition, each student will serve as a discussion leader for one of the papers in sessions 2-5. The final assignment includes the development of a research proposal. More details of class requirements will be given in the first class session. We will meet on Mondays in SHDH 2034 from 1pm to 4pm.

**SESSION 1: MODELS OF TECHNOLOGY AND INDUSTRY EVOLUTION**


Optional:


**SESSION 2: INCUMBENTS’ MANAGEMENT OF TECHNOLOGICAL CHANGE I**


Optional:


**SESSION 3: INCUMBENTS’ MANAGEMENT OF TECHNOLOGICAL CHANGE II**


Optional:


**SESSION 4: FIRM BOUNDARIES AND TECHNOLOGICAL INNOVATION**


Optional:


SESSION 5: TECHNOLOGICAL SYSTEMS AND INTERDEPENDENCIES


Optional:


SESSION 6: TECHNOLOGY PLATFORMS AND ECOSYSTEMS


Optional:


