



Ewha International Summer College

Course Syllabus

Entrepreneurship and Innovation

Professor: TBA
 E-mail: TBA
 Home Univ.: TBA
 Dept.: TBA

Description: This is an intermediate-level course that examines government-based attempts to promote innovation and entrepreneurship. Covered here are the distinctions between “research” and “development”, the proper role of the state in guiding specific areas of research, and the rise of the “innovation-based developmental state”. In any discussion of public policies, the overarching concern is whether government intervention is maximally effective given our market-based system. Particularly important for this course are problems relating to green R&D, limits to public and private research coordination, patent policy inefficiencies, and contributors to international R&D collaboration.

Objective: By the end of this course, students will be able to:

- understand how innovation, entrepreneurship, and the related policies have evolved;
- apply political and economic theory to problems of innovation policy;
- be informed of government efforts to reduce market failures in innovation;
- identify, collect, and curate metrics for innovation;
- engage in economic and political policy analyses and produce a position paper;
- identify him/herself as an innovation policy making advisor

Prerequisite: There are no prerequisites for this class. All materials will be provided online.

Credits	3	Contact Hours	45
Week 1	6/29(Tue)	The economics of knowledge and innovation, Part 1 Reading: Foray (2004) Optional reading: Link and Link, Ch. 2	
	6/30(Wed)	The economics of knowledge and innovation, Part 2 Reading: Martin (2016) Optional reading: Walstad (2002), pp.5-9	
	7/1(Thu)	The elitist-democratic tension in innovation policy, Part 1 Reading: Nelkin (1979), Introduction Optional reading: Hameduddin and Fernandez (2016); “Racial discrimination in	

		science”
Week 2	7/5(Mon)	The elitist-democratic tension in innovation policy, Part 2 Reading: Slayton (2007) Optional reading: “Autumn of the atom”; Dickson, Ch. 5; Brooks (1988)
	7/6(Tue)	Key actors and institutions for innovation policy Reading: Bimber (1998); Jasanoff (1987)
	7/7(Wed)	Drivers of innovation policy action Reading: Bozeman and Sarewitz (2005); Fortunato et al. (2018) Optional reading: David (1985)
	7/8(Thu)	Modeling innovation and entrepreneurship Reading: Godin (2009); Fini et al. (2018) Optional reading: Nelson and Rosenberg (1993)
Week 3	7/12(Mon)	<i>Midterm examination (open book)</i>
	7/13(Tue)	Government-led efforts in innovation policy Reading: Link and Link (2009), Ch. 1; Dodgson (1993), Ch. 4 Optional reading: Jaffe (1998)
	7/14(Wed)	Patent policy Reading: Bessen and Meurer (2008), Ch. 2 Optional reading: Boldrin and Levine (2013); Boldrin and Levin (2008), Ch. 1
	7/15(Thu)	Contentious innovation policy cases Reading: Alic et al. (2010) Optional reading: Kolhatkar (2017)
Week 4	7/19(Mon)	Connections between innovation policy and economic development, Part 1 Reading: Nelson and Phelps (1966) Optional reading: Harding (1993), Introduction
	7/20(Tue)	Connections between innovation policy and economic development, Part 2 Reading: Pray and Ruttan (1995) Optional reading: “The leapfrog model”
	7/21(Wed)	The international economics of innovation Reading: Helfer (2009), Mathews and Hu (2007) Optional reading: Book review of <i>Sustainability and Sources of Wealth</i> , Caselli and Coleman (2001)
	7/22(Thu)	<i>Final examination (open book) and student project presentations</i>

Evaluation(%)	Midterm 30	Final 30	Attendance 15	Position Paper 25	Participation -	Etc. -
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Details of Innovation and Entrepreneurship Position Paper (25% of grade):

For this assignment, students will become intensely familiar with one particular innovation policy and write a position paper about it. Additional details will be provided in class, and groups will be constructed based on shared interests, which will be determined after the midterm examination. Students will work in their assigned groups to engage in literature reviews, collect data, conduct political and economic analyses, and write-up their findings. The final paper group-submitted paper should be between 7-8 pages (excluding bibliography), double-spaced, Times New Roman 12 pt. font.