



HANYANG UNIVERSITY

Hanyang International Summer School

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Course Information	Class No.	TBA	Course Code		Credits 3
	Course Name	Politics of Science and Technology			
	Lecture Schedule	Mon-Thu /			
	Course Description	<p>This is an intermediate-level course on the connections between politics (i.e. power-oriented relationships and dynamics) and science and technology (S&T). The following patterns dominate our understanding of this relationship and will be covered during the course:</p> <ol style="list-style-type: none"> 1) Discussions of S&T, broadly defined, are held among elites, including scientists and engineers. 2) Communications about S&T are problematic, reflecting strong media effects. 3) The Internet simultaneously increases political participation while restricting liberties. 4) Internationally, S&T collaborations create synergies. Simultaneously, cybersecurity problems allow for the possibility of an S&T-based Cold War. 			
	Course Objective	<p>By the end of this course, students will be able to:</p> <ul style="list-style-type: none"> - assess how politicians, scientists, and engineers affect the S&T agenda; - recognize the function of specific communication strategies regarding S&T; - understand the various innovations representative of "e-government"; - detail how the Internet both fosters and hinders democracy; - analyze the potential for an ensuing S&T Cold War, particularly one between the U.S./Europe and China. 			
	Prerequisite	No prerequisite.			
	Materials/Textbooks	All readings will be available online.			
Evaluation	Attendance	10 %	Quiz	%	
	Assignment	20 %	Mid-term Exam	25 %	
	Presentation	10 %	Final Exam	25 %	
	Group Project	%	Participation	10 %	



	Etc.		Evaluation Item	Ratio
				%
				%
Daily Lecture Plan	Week 1	Day 1	Orientation & Opening Ceremony	
		Day 2	Framing the connections between technology and society	
		Day 3	Underlying theories of the politics of S&T	
		Day 4	Politics and the S&T policy making process	
	Week 2	Day 1	Actors and their motivations	
		Day 2	Research norms and the Bayh-Dole Act	
		Day 3	Communicating science and technology	
		Day 4	Midterm examination + debate/discussion	
	Week 3	Day 1	Effects of identity and communities	
		Day 2	The Internet and our civil liberties	
		Day 3	Connections between the Internet and politics, Part 1	
		Day 4	Connections between the Internet and politics, Part 2	
	Week 4	Day 1	Connections between the Internet and politics, Part 3	
		Day 2	Cybersecurity and prospects for the S&T Cold War	
		Day 3	Final examination + debate/discussion	
		Day 4	Paper submission and presentations	