

* Course Keywords	Labor economics, AI, employment, Big Data, Human Capital									
* 1. Purpose of Course	Korean	인공지능시대의 일자리								
	English	Jobs in the era of Artificial Intelligence								
* 2. Materials and Reference	<p><b>Teaching Materials:</b> Ehrenberg and Smith, <i>Modern Labor Economics</i></p> <p><b>Reference:</b> Acemoglu, Laibson, and List, <i>Economics</i> <i>Statistics: The Art and Science of Learning from Data</i> by Agresti, Franklin, and Klingenberg <i>Introduction to Econometrics</i> by Stock and Watson For further information, please visit <a href="http://www.youtube.com/soohyunglee">www.youtube.com/soohyunglee</a></p>									
* 3. Evaluation Method	<b>Evaluation:</b> Absolute Evaluation, Grade-on-a-curve Evaluation									
	<b>Grading Type:</b> A~F, S/U									
	Evaluation Items	Attendance	Assignment	Medium	Final	Quiz	Attitude	Other	Total	
	Rate	10	35			35	20		100%	
	Note		Final Project			Quiz				
	<b>Attendance Policy :</b>	Students who are absent for over 1/3 of the class will receive a grade of 'F' or 'U' for the course (Exceptions can be made when the cause of absence is deemed unavoidable by the course instructor).								
	<b>Other:</b>	Cheating regulation, Plan for substitute test, Availability of feedback for assignments or tests, etc.								
* 4. Quota Exceeding Course Registration	<b>Capacity:</b> Up to 20 Students									
5. Guideline for Students	What students need when taking classes such as prerequisite subject: None									
	Office Hours and Place: Online ** check the availability with the TA, Ms. Kyung Hyun KIM ( <a href="mailto:hyun893@snu.ac.kr">hyun893@snu.ac.kr</a> ) in advance									
* 6. Lecture Plan	<b>Teaching Method</b> Project class									
	This course covers the development and applications of Artificial Intelligence and its effects on jobs, international division of labor, and offshoring. To do so, we will study key theories and empirical findings from Labor Economics at the beginning. Next, using those lessons, we will study the implications of automation, including AI, on labor market outcomes. Finally, we will examine the latest applications of automation in the world as case studies.									
	This class will be conducted online – using video conferencing (Zoom) and pre-recorded lectures.									
	<u>※This class does not accept any auditing students.</u>									
	<b>Class Schedule :</b>									
	Week	Topics and Contents							Lecture Method	
	1	Introduction							Lecture and Q&A	
2	Economic Modeling							Lecture and Q&A		

	3	AI: background, overview of existing studies, real-world examples	Lecture and Q&A
	4	Labor Demand 1	Lecture and Q&A
	5	Labor Demand 2	Lecture and Q&A
	6	Impacts of Technological Progress	Lecture and Q&A
	7	Human Capital 1	Lecture and Q&A
	8	Human Capital 2	Lecture and Q&A
	9	Artificial Intelligence and Labor 1	Lecture and Q&A
	10	Artificial Intelligence and Labor 2	Lecture and Q&A
	11	Case Study 1	Lecture and Q&A
	12	Case Study 2	Lecture and Q&A
	13	Student Presentation: Progress report	Lecture and Q&A
	14	TBA	Lecture and Q&A
	15	Final Projects	Lecture and Q&A
<b>7. Support Services for Students with Disabilities</b>  ※ You can modify these default contents.	For Lectures	<ul style="list-style-type: none"> <li>○ Visual Impairment: Make textbooks (digital textbook, braille textbook, enlarged textbook etc.), Allow note takers</li> <li>○ Physical Disability: Make textbooks (digital textbook), Allow note takers and assistants</li> <li>○ Hearing Impairment: Allow note takers and translators, Allow lecture recording</li> <li>○ Health Impairment: Excuse absence due to health problems, Allow note takers</li> <li>○ Learning Disability: Allow note takers</li> <li>○ Intellectual Disability / Autism Spectrum Disorder: Allow note takers and mentors</li> </ul>	
	For Assignments & Evaluations	<ul style="list-style-type: none"> <li>○ Visual Impairment / Physical Disability / Hearing Impairment / Health Impairment / Learning Disability: Extend assignment deadlines, Offer alternate assignment submission and response method, Extend testing period, Offer alternate testing method, Offer different testing room</li> <li>○ Intellectual Disability / Autism Spectrum Disorder: Offer individualized assignments and alternative evaluations</li> </ul>	
	Other	Students who take this course can get appropriate level of support service including the support listed above depending on the students' individual characteristics and needs through consultation with professors and the Support Center for Students with Disabilities. If you have any questions concerning support service for students with disabilities you can contact Professor or Support Center for Students with Disabilities (02-880-8787).	