**International Labor Economics: Theory and Data Analysis**

**Spring 2020**

***Instructor:*** Professor Soohyung Lee

***Class hours***: (Thursday) 14:00-17:00

***Office Hours:*** By appointment

***Description:***

This class is designed to provide an introduction to the theory and empirical application of contemporary labor economics. The primary focus of this course will be on developing an understanding of key labor market outcomes such as employment, wage, and human capital. Using STATA (or alternative statistical packages of your choice), we will use real-world data to examine theoretical predictions and stylized facts from labor economics. For this purpose, this course will briefly cover how to use STATA for data analysis.

***Prerequisite****:*

Winter Seminar on Economics (Introductory Economics)

Research Methodology and Skills\*

\*Students who are currently taking the course “Research Methodology and Skills” or who took relevant courses (such as statistics and econometrics) in other departments may sign up for this class.

***Textbook and References:***

**Required Textbook:** Ehrenberg and Smith, *Modern Labor Economics*, 13th edition.

**Reference:**

 “Statistics: The Art and Science of Learning from Data” by Agresti, Franklin, and Klingenberg

 “Economics” by Acemoglu, Laibson, and List

 “Introduction to Econometrics” by Stock and Watson

***Grading:***

1. Class attendance and participation (20%)
2. Group assignments (30%)
3. Midterm and Final (50%)

***Disability Statement:***

Students with disabilities who require special accommodations must get in touch with the instructor within the first three weeks of class.

***Tentative Schedule:***

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| Week | Lectures |
| 1 | Introduction: Economics, Economic Research |
| 2 | Ch 2 and 3: wage, compensation |
| 3 | Data Analysis 1: household earnings |
| 4 | Data Analysis 2: household earnings |
| 5 | Ch 3: labor demand |
| 6 | Topic: impact of the minimum wage rate increase |
| 7 | Midterm |
| 8 | Ch 6: labor supply, Ch 8: compensating wage differentials |
| 9 | Ch 9: Human capital |
| 10 | Ch 12: Gender, Race, Ethnicity |
| 11 | Ch 10: Migration |
| 12 | Data Analysis 3: human capital |
| 13 | Data Analysis 4: migration |
| 14 | Topic: how to conduct empirical research and write a thesis |
| 15 | Final exam |
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