**ECON 107 – COMPUTER APPLICATIONS IN SOCIAL SCIENCES**

**Semester:** Fall 2019-2020

**Schedule:**

Lecture Monday 12:20 H313, Lab Tuesday 12:20 H315

**Instructor:** Sibel Tarıyan Özyer

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**Description:** Computer Hardware and Software, Computer and Information System, Windows Operating System, Microsoft Word, Excel, PowerPoint, Introduction to Statistical Package for Social Scientists (SPSS), Data handling in SPSS, Data Tables and Charts.

**Text Books:** Microsoft Office 2010 Plain & Simple, Katherine Murray, Microsoft Press, 2010 A Simple Guide to SPSS Lee A. Kirkpatrick, Brooke C. Feeney, Wadsworth Publishing, 2010

**Grading:** Lab Work (% 30), Midterm (%30), Final (%40)

**Outline:**

 Week 1 Introduction to Computers
 Week 2 Introduction to Information Systems
 Week 3 Windows Operating System
 Week 4 Word Processing
 Week 5 Spread sheets and MS Excel
 Week 6 Spread sheets and MS Excel
 Week 7 Basics of MS PowerPoint
 Week 8 Data Collection and Types of variables in Social Sciences
 Week 9 Introduction to SPSS
 Week 10 Tables and Charts for Categorical Data
 Week 11 Organizing Numerical Data
 Week 12 Tables and Charts for Numerical Data
 Week 13 Cross Tabulations
 Week 14 Exploratory Data Analysis