**ISL 2731 RESEACH METHODS – GROUP 2**

**LECTURER:** Assist. Professor Aygül TURAN

**PLACE/ TIME OF THE COURSE:** Class No: 106 / Time: 13:00-15:50

**CONTENT OF THE EACH COURSE ALONG WITH 2023-2024 TERM:**

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| **WEEK** | **TOPIC OF THE COURSE** |  |
| 1st | Science and Scientific Approach |  |
| 2nd | Statistical Reasoning, Research Question, Hypothesis, Constructs, Variables and Definitions |  |
| 3rd | Quantitative Research Design  |  |
| 4th | Quantitative Research Design |  |
| 5th | Measurement (Foundation of Measurement, Scaling Procedures, Reliability and Reliability Analysis) |
| 6th | Measurement (Validity, Types of Validity, Factor Analysis) |
| 7th | Sampling (Probability, Random Sampling and Sampling Distribution) |
| 8th | Quantitative Sampling |  |
| 9th | MIDTERM EXAM |  |
| 10th | Quantitative Data Collection |  |
| 11th | Analysis and Evaluation of Quantitative Data (2nd MIDTERM) |  |
| 12th | Analysis and Evaluation of Qualitative Data |  |
| 13th | Qualitative Research Design, Measurement, Sampling and Analysis |  |
| 14th | Case Study and Preparation of the Report of the Study |  |
| 15th | FINAL EXAM |  |
| 16th | FINAL EXAM |  |
|  | RESIT EXAM |  |
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**REFERENCES:**

1. Neuman, L. W. (2006). Social research methods: Qualitative and quantitative approaches, Pearson.

2. Neuman, W. L., (2015) Toplumsal araştırma yöntemleri: nitel ve nicelik yaklaşımlar. (Trans: Sedef Özge), Yayın Odası Yayınları.

3. Kerlinger, F. N., & Lee, H. B. (1999). Foundations of behavioral research. Cengage Learning.

4. King, B. M. & Minium, E. W. (2010). Statistical reasoning in the behavioral sciences. Wiley Global Education.

5. Field, A. (2009). Discovering statistics using SPSS. Sage publications.

6. Altunışık R., Coşkun R., Bayraktaroğlu S. & Yıldırım E. (2005) Sosyal Bilimlerde Araştırma Yönetmleri, Sakarya Kitapevi.

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8. DeVellis, R. F. (2016). Scale development: Theory and applications (Vol. 26). Sage publications.

9. Yıldırım, C. (2014). Bilim felsefesi. Nostalji Yayınları.