

COURSE INFORMATION FORM	
Faculty / Institute	Faculty of Science and Literature
Department	Psychology
Course Code	PSİ 473
Course title	Research Methods in Traffic and Transportation Psychology
Instructional Language	Turkish
Programs that can take the course	Psychology
Course Type	Elective
Course Level	Undergraduate
ECTS Credit	6
Prerequisites	PSİ 104 – Introduction to Psychology II
Course Content	This course involves the examination of methods used for research in traffic and transportation.
The Aim of the Course	In the Research Methods in Traffic and Transportation Psychology course, it is aimed to convey the basic theories and research methods in the field of traffic and transportation psychology, and students prepare a proposal in line with this information. Throughout the course, it is aimed to introduce and acquire the competence to use measurement methods that can be used in this field.
Course Outcomes	At the end of this course, students learn the basic theories and research methods in traffic and transportation psychology. They prepare a research question, hypothesis, and research proposal in the field of traffic and transportation psychology. They acquire the ability to use the tools used in the field of traffic and transportation psychology.
Textbook and / or References	Porter, B. E. (Ed.). (2011). <i>Handbook of traffic psychology</i> . Academic Press.

Evaluation Criteria	Percentage
Attendance	-
Lab	-
Application	5% (Ethics Form for the Project)
Field Study	-
Homework	35% (Reaction Papers x7)
Presentations	40% (20% Individual Presentations x2 + 10% Proposal Presentation + 10% Poster Presentation)
Projects	20% (Project Proposal Text)

Seminar	-
Midterm Exams	-
Quiz	-
Final	-
Total	100%

Course Plan	Subjects to Be Discussed
1. Week	Introduction & The Course Syllabus
2. Week	Methods in Traffic and Transportation Psychology Human Factors in Driving: Driver Behaviors and Driving Skill
3. Week	Individual differences in traffic: Personality & Demographics
4. Week	Aggressive Driving
5. Week	Speed
6. Week	Roadside Observation
7. Week	Attitudes, Attributions, and Driving
8. Week	Simulator, Eye Tracker, and Other Test Systems
9. Week	Impaired Driving and Non-use of Seat Belt
10. Week	Research Proposal Presentations and Feedback
11. Week	Cultural Differences in Driving
12. Week	Professional Drivers