

Course Description					
Name	Code	Semester	T+A Hour	Credit	ECTS
URBAN TRANSPORT PLANNING	KTP3111415	Fall Semester	2+2	3	4
Prerequisites Courses					
Recommended Elective Courses					
Language of Instruction	Turkish				
Course Level	First Cycle (Bachelor's Degree)				
Course Type	Required				
Course Coordinator	Assist.Prof. Yazgı AKSOY				
Name of Lecturer(s)	Assoc.Prof. Cemal Cenk HAMAMCIOĞLU				
Assistant(s)	Araş.Gör. Ezgi KOCAZEYBEK				
Aim	The aim of the course is to introduce the discipline of transportation, to examine the basic information, concepts, preliminary information about the basic principles and process of urban transportation planning, current problems, approaches and solution suggestions by establishing a relationship with related fields. In this process; In addition to having knowledge, students are expected to be able to comment on the current transportation system, to make decision-making and to develop solutions.				
Course Content	This course contains; Introduction and Introduction of the Course / Basic Concepts of the Course / Transportation Problems, Historical Development of Transportation, Relationship between sustainability and transportation, Transportation and settlement relationship, Road Staging, Public Transportation Systems, Exam/Route and Station Design, Sustainable Urban Transport Planning, Four-Stage Transportation Model (trip creation, distribution, speciation and assignment), Urban Transportation Policies, Intersections, Carparks, Pedestrian and Cycling Paths, Intelligent and Innovative Transportation Systems of the Future.				
Course Learning Outcomes			Teaching Methods	Assessment Methods	
Defines the transportation discipline and the basic concepts of this discipline. Explains current problems, approaches and solution suggestions in urban transportation planning. Comments on existing transportation systems and develops solution suggestions.			12, 13, 14, 3, 5, 9	A, D, E, F, G, H	
Teaching Methods	12: Problem Solving Method, 13: Case Study Method, 14: Self Study Method, 3: Problem Based Learning Model, 5: Cooperative Learning, 9: Lecture Method				
Assessment Methods	A: Traditional Written Exam, D: Oral Exam, E: Homework, F: Project Task, G: Quiz, H: Performance Task				
Lecture Schedule					
Sequence	Topics	Preliminary Preparation			
1	Introduction and Introduction of the Course / Basic Concepts of the Course / Transportation Problems				
2	Historical Development of Transportation				
3	Relationship between sustainability and transportation				
3	Transportation and settlement relationship				
5	Road Staging				
6	Public Transportation Systems				
7	Exam/Route and Station Design				
8	Sustainable Urban Transport Planning				
9	Four-Stage Transportation Model (trip creation, distribution, speciation and assignment)				
10	Urban Transportation Policies				
11	Intersections				
12	Carparks				
13	Pedestrian and Cycling Paths				
14	Intelligent and Innovative Transportation Systems of the Future				
Evaluation Methods		Weight(%)			
Midterm Exam		50			
General Exam		50			

Resources

- Abbott, D., "The Future of Transport", <http://www.udg.org.uk/ej/udq/70/nws&event.html>
- Ausubel, J.H., Marchetti, C., (2001), "The Evolution of Transport", *The Industrial Physicist* April/May 2001, pp. 20-24, <http://www.aip.org/tip/INPHFA/vol-7/iss-2/p20.pdf>.
- Aysan Buldudur, M. (2018) *Sürdürülebilir Kentsel Ulaşım*, Birsen Yayınevi, İstanbul.
- Banister, D., (2005), *Unsustainable Transport – City transport in the new century*, Routledge, Oxfordshire, UK.
- Black, A., (1995), *Urban Mass Transportation Planning*, McGraw-Hill, USA.
- Çınar, T., (2003), "Ülkemizde Ulaştırma Sistemi ve Dünya Ulaşım Sistemindeki Gelişmeler", TMMOB Ulaştırma Politikaları Kongresi 16-17 Ekim 2003 Ankara, Maya Basın Yayın, İstanbul, ss. 13-18.
- Dittmar, H., Ohland, G. (2004), *The New Transit Town : Best Practices In Transit-Oriented Development*, Island Press, Washington, DC.
- Docherty, I., Shaw, J., ed., (2004, first publ. 2003), *A New Deal for Transport?*, Blackwell, Oxford.
- Evren, G., (2002), *Demiryolu*, Birsen Yayınevi, İstanbul.
- Gifford, J., L. , Gifford, J. L. (2003), *Flexible Urban Transportation*, Pergamon, Amsterdam, Boston.
- Girardet, H., (2004), "Transport and the City", *Cities People Planet – Liveable Cities For A Sustainable World*, Wiley-Academy, England ss. 131-152.
- Grava, S. (2003), *Urban Transportation Systems: Choices for Communities*, McGraw-Hill, New York.
- Gülgeç, İ., (1998), *Ulaşım Planlaması*, Özsan Matbaa, Ankara.
- Hall, T., (2003), "Car-ceral Cities: Social Geographies of Everyday Urban Mobility", *Urban Futures*, (ed. Malcolm Miles and Tim Hall), Routledge, London, ss. 92-105.
- Hanson S., Giuliano G., ed. (2004), *The Geography Of Urban Transportation*, The Guilford Press, New York.
- İlter, İ., (1995), *Türkiye Karayollarının Tarihsel Gelişimi*, İnşaat Müh. Odası, İstanbul.
- Keskin, A., (1985), "Ulaşım", *Şehircilik*, İTÜ Matbaası, İstanbul, ss. 259-276.
- Kılınçaslan, T., (2012), "Kentsel Ulaşım", *Ninova Yayınları*, ISBN 978-605-88444-3-8, İstanbul
- Kulash, W. M. (2001), *Residential Streets*, ULI, the Urban Land Institute, Washington, D.C.
- Marshall, S. (2004), *Streets and Patterns*, Spon Press, London, New York.
- Rodrigue, J.-P., (2003), "Transport Geography, Chapter 6: Urban Transportation", Hofstra University, Dept. of Economics & Geography, <http://people.hofstra.edu/geotrans/eng/ch6en/ch6menu.html>
- Rogers, R., (1999), *Towards an Urban Renaissance*, the Urban Task Force, E&FN Spon, UK.
- Roger, L. K., ed. (2007), *Cities And Cars: A Handbook of Best Practices*, McFarland & Co., Jefferson, N.C.
- Ryser, J., (2000), "Future Cities", *Urban Design*, January 2000/Issue 73.
- Steiner, F. R., Butler, K. (2007), *Planning and Urban Design Standards*, American Planning Association, J. Wiley & Sons.
- Tekeli, İ., (1992), "Yüzelli Yılda Toplu Ulaşım", *İstanbul Sayı:2 Temmuz 1992*, ss. 18-27.
- Tekeli, İ., (2010), "İstanbul ve Ankara için Kentiçi Ulaşım Yazıları", *Tarih Vakfı*, İstanbul.
- Vuchic, V. R. (1999), *Transportation for Livable Cities*, Center for Urban Policy Research, USA.
- Vuchic, V. R. (2005), *Urban Transit: Operations, Planning and Economics*, J. Wiley & Sons, Hoboken.
- Vuchic, V.