Course Profile
Department of Management / International Logistics Management Program

Course Number: MAN 353	Course Title: City Logistics
Required / Elective: Elective	Pre / Co-requisites: -
Catalog Description: Planning and management of city logistics. Components of city logistics and in city passenger and freight transportation systems. Efficiency, environmental impact, congestion and sustainability issues of city logistics.	Textbook / Required Material: City Logistics: Network Modelling and Intelligent Transport Systems; E. Taniguchi, G. Thompson., T. Yamada, and R. van Duin; Pergamon, 2001.

Course Structure / Schedule: **(3+0+0) 3 / 6 ECTS**

Extended Description:

This course focuses on the traditional concept of City Logistics as a system of material flow in large cities. Extension of this concept, it includes involvement of all relevant element of transportation in agglomeration. Freight transportation, public transportation and its integration to City Logistics are the other topics of this course. The course also highlights environmental aspects of logistics.

Design content: None	Computer usage: None

Course Outcomes:
By the end of this course, students will be able to:

1. Define weak and strength parts of transportation system in cities and agglomerations.
2. Explain the planning and optimization of transportation processes and flows in agglomerations.
3. Use the knowledge about passenger and freight transportation, transportation units and technologies and also are able to define basic parameters of complex solutions.

Recommended reading:

– Recent Advances in City Logistics: Proceedings of the 4th International Conference on City Logistics, E. Taniguchi and R. Thompson (eds), Amsterdam, 2006.

– Logistics Systems for Sustainable Cities: Proceedings of the 3rd International Conference on City Logistics, E. Taniguchi and R. Thompson (eds), Amsterdam, 2003.

Teaching methods:

Lectures, group project, case studies, quizzes

Assessment methods:

Group project : %20

quizzes : %15

Midterm exam : %25

Final exam : %40

Student Workload/ECTS (European Credit Transfer System) Tableau:

Activity:	Number:	Duration (hour):	Total Workload (hour):
Pre- reading	14	3	42
Lectures	14	3	42
Group Project	1	15	15

Quizzes	3	3	9
Case studies	2	2	6
Midterm	1	16	16
Final Examination	1	20	20
TOTAL: 150 hours / 25 = 6 ECTS			
Prepared by: Staff		Revision Date: 21.06.2012	