İstanbul Technical University – Department of Architecture

MIM 114E – Accessibility, 21943

Course Syllabus | 2019-2020 Spring Semester

Course Day and Hour : Tuesday-10:30-12:30	Course Instructor: Assoc. Prof. Dr.Goksenin Inalhan
Course Room : 229	e-mail: inalhang@itu.edu.tr
Course Credit : 2	Office no:122C
Course Web Site : https://ninova.itu.edu.tr/tr/dersler/mimarlik-fakultesi/7649/mim-114e/	

Course Assistant/s:
e-mail:
Office no:

Course Description

It provides the knowledge and understanding necessary to allow the student to identify the issues related to inclusion and accessibility, relevant legislation and how to assess the suitability of various environments and their associated facilities. It considers the extent and impact of influencing legislation, regulations and established guidance and examines how to assess and evaluate new and existing environments including public access buildings and spaces, housing and transport. An examination of how physical and attitudinal barriers affect the design and management environments and spaces for disabled and non-disabled people.

Course Structure and Plan

WEEK	DATE	TOPIC
1	11 February/Şubat	Introduction to the course, distribution of working groups and semester's work plan (add& drop week)
2	18 February/Şubat	Introduction to the Course: Professional Ethics and Human Rights/ Disability, Accessibility, Fragile groups terms and definitions
3	25 February/Şubat	Design for All Principles Design for All and Its relationship with Accessible Design, (theoretical part+practise)
4	3 March/Mart	Setting the accessible design scales, human centred design Taşkışla Building
5	10 March/Mart	Learning by Doing Studio*
6	17 March/Mart	Learning by Doing Studio*
7	24 March/Mart	Learning by Doing Studio*
8	31 March/Mart	TERM BREAK
9	7 April/Nisan	Mid-term exam: Group Project Submission/A2 Exhibition
10	14 April/Nisan	Categories of Barriers/Disabilities Communication
11	21 April/Nisan	Accessibility Design in Buildings and outdoors: The review of the relevant laws and standards (TSE, ADA, Part M)
12	28 April/Nisan	Access Auditing and the management of inclusive, accessible environments.
13	5 May/Mayıs	Mobility and Accessibility
14	12 May/Mayıs	The use of assistive technologies in maximising independence. Information Systems
15	19 May/Mayıs	National Holiday

*Learning by Doing Studio, is a term Project which is to apply the knowledge learned from the course on real life situations/environments. Students will be arranged into working groups and will be asked to solve an accessibility problem.

Recommended Readings

1- Clarkson J, Coleman R, Keates S, Lebbon C (eds) Inclusive Design, 2003, Springer-Verlag,UK
2- Jack L Nasar and Jennifer Evans-Cowley (Eds) Universal Design and Visitability from Accessibility to Zoning, 2007, The John Glenn School of Public Affairs,
3- Joschim Fischer and Philipp Meuser (Eds), Design Manual: Accessible Architecture, 2009, Dome Publishing.
4- Preiser Wolfgang F. E.,Universal Design Handbook, 2011, Second Ed., McGrawHill, Ohio, USA.
5- Şükrü Sürmen, 2000, Yaşlılar ve Yaşlılık Üzerine Dağınık Notlar, Nüans ArmaYayınları, ISBN:975-7336-19-.
6- Ayşe Nilay Evcil, 2014, Herkes için Tasarım:Evrensel Tasarım, Boğaziçi yayınları, Ankara.

Course Assessment

50%, mid-term project submission and 50% final written down exam

ASSESSMENT CRITERIA	Activities	Effects of Grading	Grading (based on 100 points)	Attendance to the Lectures
Mid term Exam (Visa)	Midterm Project submission	50%	Minimum 30 points to PASS the exam	80% attendence (can be only absent for maxiimum 3 lectures,other wise the student will not meet the requirements to take visa exam and there for marked as VF)
Final exam	Written down exam	50%	Minimum 30 points to PASS the exam	

Contributors

Assoc. Prof. Dilek Yıldız (PhD), (inclusive architecture examples will be presented)

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