

Cognitive Engineering

MSM637AN-LA-01 (location: MIK-A017)

	Date	Themes	Teacher(s)
1	February 10	Introduction to Cognitive Engineering	Árpád Csathó & András Matuz
2	February 17	The Role of Perception in Interface & System Design	Árpád Csathó
3	February 24	Perceptual Limitations & Disorders: Design Implications	András Matuz
4	March 3	Attention Engineering: Designing for Focus & Control	Árpád Csathó
5	March 10	Attention Disorders & Human Performance: Engineering Considerations	Árpád Csathó
6	March 17	Memory in Human-System Interaction	András Matuz
7	March 24	Memory Impairments: Designing for memory deficits	András Matuz
8	March 31	Language Processing in Human-Centered System Design	András Matuz
9	April 7	Spring break	
10	April 14	Language Disorders & Communication Breakdown: Design Impacts	András Matuz
11	April 21	Engineering for Stress, Workload, and Human Performance	Árpád Csathó
12	April 28	Stress, Fatigue & Overload: Designing for Safety and Resilience	Árpád Csathó
13	May 5	Trust in and dependence on Automation	Árpád Csathó & András Matuz
14	May 11	Discussion and evaluation of assignments	Árpád Csathó & András Matuz