

Course Description – Summer 2025

Title	Human Machine Interaction
Faculty	Electrical Engineering
Professor	Prof. Dr. Maria Schweigel
ECTS	5
Level	Bachelor
Requirements	
Add. Information	https://www.hs-schmalkalden.de/hochschule/fakultaeten/fakultaet-elektrotechnik/internationales-f-et/international-students.html
Content	Content of lecture are technics and methods for design of human machine interfaces of computational technical systems. The information processing of human (physiological and psychological basics, models and action processes), the technical realization of interfaces (input- and output devices, interaction styles) are part of the lecture. Furthermore user oriented development processes, evaluation technics and standards for human machine interaction were introduced.