

## Course Description – Summer 2023

<b>Title</b>	Human Machine Interaction
<b>Faculty</b>	Electrical Engineering
<b>Professor</b>	Prof. Dr. Maria Schweigel
<b>ECTS</b>	5
<b>Level</b>	Bachelor
<b>Requirements</b>	
<b>Add. Information</b>	<a href="https://www.hs-schmalkalden.de/hochschule/fakultaeten/fakultaet-elektrotechnik/internationales-f-et/international-students.html">https://www.hs-schmalkalden.de/hochschule/fakultaeten/fakultaet-elektrotechnik/internationales-f-et/international-students.html</a>
<b>Content</b>	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.