

Course Description – Summer 2024

Title	Machine Learning
Faculty	Electrical Engineering
Professor	Prof. Dr. Maria Schweigel
ECTS	5
Level	Bachelor
Requirements	Computer / Laptop
Add. Information	https://www.hs-schmalkalden.de/hochschule/fakultaeten/fakultaet-elektrotechnik/internationales-f-et/international-students.html
Content	The module provides the fundamentals of machine learning. Students get a systematic overview of machine learning methods, data, optimization, and quality assessment, as well as their basic problems. The detailed introduction to the most popular machine learning algorithms give students a comprehensive basic knowledge in the field. Practical exercises with Tensor Flow will deepen this basic knowledge.