Embedded Computing Systems
TUK Curriculum

Core Program	Code	Title	Credit points Fall	Credit points Spring	Instructor	Language
ES Hardware Architectures	EIT-EIS-571	Architecture of Digital Systems I (Computer Architecture)	4		Kunz	English
	EIT-EMS-546	Embedded Processor Lab		3	Wasenmüller	English
	EIT-EIS-573	Architecture of Digital Systems II (Embedded Systems Architecture)	4		Stoffel	English
	EIT-EIS-521	Embedded Systems Laboratory		5	Stoffel	English
System Software	EIT-RTS-545	Operating Systems	4		Fohler	English
	EIT-RTS-540	Real-Time Systems I		4	Fohler	English
	INF-75-30-V-6	Introduction to Machine Learning	4		Kloft	English
SoC-Design Methodology	EIT-EMS-654	Microelectronic Circuit and System Design I	4		Wehn	English
	EIT-EMS-657	Synthesis and Optimization of Microelectronic Systems I	4		Wehn	English
	EIT-EIS-560 / EIT-EIS-562-M-7	Verification of Digital Systems without/with class project	5/8		Kunz	English
Core Program			∑ 29/32	∑ 12		∑ 41/44