

## Embedded Computing Systems TUK Curriculum

Core Program						
	Code	Title	Credit points Fall	Credit points Spring	Instructor	Language
<b>ES Hardware Architectures</b>	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
<b>System Software</b>	EIT-RTS-545	Operating Systems	4		Fohler	English
	EIT-RTS-540	Real-Time Systems I		4	Fohler	English
	INF-30-01	Fundamentals of Software Engineering	8		Rombach	English
<b>SoC-Design Methodology</b>	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	Verification of Digital Systems (with Lab)	5		Kunz	English
<b>Core Program</b>			<b>Σ 33</b>	<b>Σ 12</b>		<b>Σ 45</b>