

CT2 FS25 IT23a

Woche	Vorlesung	Lab
1	Microcontroller Basics I	Lab01 - Code Structure in C (Dice)
2	Microcontroller Basics II	Lab02 - Bus Cycles (USB-Stick mitbringen)
3	General Purpose I/O (GPIO)	Lab03 - GPIO
4	Serial Data Transfer – SPI	Lab04 - SPI 1 with Oscilloscope
5	Serial Data Transfer – UART / I2C	Lab05 - SPI 2 Display Interface
6	Timer / Counter	Lab06 - Timer PWM (RGB – LEDs)
7	Analog Digital Converter (ADC)	Lab07 - ADC
8	Memory I	Lab08 - Memory ROM
9	Klausur	(kein Praktikum)
10	Memory II	Lab09 - Memory SRAM
11	Cache	Lab10 - Cache
12	Software State Machines	Lab11 - Software State Machine
13	Interrupt Performance	Lab12 - Interrupt Performance
14	(Reserve)	(Reserve)