

Embedded System Design Syllabus

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Lessons

No.	Lesson	Difficulty
1.	Introduction	★☆☆☆☆
2.	GPIO	★★☆☆☆
3.	Timer	★★★☆☆
4.	Interrupt	★★★★☆
5.	Standard Peripheral Library	★★★☆☆
6.	USART	★★★★★

Background

- 1. C/C++ programming ability

Environment

- STM32Fx development board
- Keil MDK Version 5 Development Kit

Reference

- The definitive guide to the ARM Cortex-M0/Joseph Yiu/
- [Embedded System Programming Lesson](#) (on YouTube)