## **KL25Z Tutorial Schedule**

- Keil Tutorial Circuit Setup 90-120 minutes
  - o Driver Installation, Debugger Configuration 30 minutes
  - o Compiler Settings in Keil 5 minutes
  - o Debugging 10 Minutes
  - o Q&A Session 10 minutes
  - o Break 10 minutes
  - Circuit Setup and Test 60 minutes
- C Programming Tutorial 100-120 minutes
  - o Functions 10 Minutes
    - General structure of a function
    - Prototyping
  - o If- Else Statements 5 minutes
  - Loops 10 minutes
    - For Loops 5min
    - While Loops 5 min
  - o Data types 5 minutes
  - o Data structures 5 minutes
    - Arrays
  - o Break 10 Minutes
  - Coding Examples 50 minutes
    - blink() 5 minutes
    - LCD functions 20 minutes
    - print\_fnc() 5 minutes
    - ID System 20-30 minutes
  - Compilation and Assembly 5 Minutes
  - Q&A session 10-20 Minutes