**Outline**

**Objectives**

**Prerequisites**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Prerequisite Module(s)** | **Level** | **Student Initial** | **Teacher Initial** | **Date** |
| None |  |  |  |  |

**Materials**

* Arduino Development Environment (IDE)
* Arduino proto board
* Web Documentation: <https://mega.nz/#F!E0oUEZja!8_GPWcQmaenlSYaTuvVdoQ>
  + Getting started guide.pdf
  + Public\_materials🡪Ebook🡪Arduino book.pdf
  + Lessons🡪Lesson1-LED blink

**Level 0: Code & Run Basic Program**

**Level 1: Use External Documentation**

**Level 2: Extend Blink Pattern**

**Level 3: Add External LED**

**Level 4: Add a Sequence of LEDs**

**Achievement Record**

|  |  |  |  |
| --- | --- | --- | --- |
| **Attainment Level** | **Student Initial** | **Teacher Initial** | **Date** |
| Level 0: Code & Run Basic Program |  |  |  |
| Level 1: Use External Documentation |  |  |  |
| Level 2: Extend Blink Pattern |  |  |  |
| Level 3: Add External LED |  |  |  |
| Level 4: Add a Sequence of LEDs |  |  |  |