**Spike 04 outcomes**

**Name: Brink an LED with the esp8266**

**Goals:**

Be able to write and upload code confidently to the esp8266.

**Personnel:**

primary – Edward secondary - Adam

**Technologies, Tools, and Resources used:**

* https://github.com/geekscape/nodemcu\_esp8266Ant 2
* http://www.esp8266.com/viewtopic.php?f=21&t=1143Eclipse 3.2
* <http://esp8266.ru/esplorer/>

**Tasks undertaken:**

Followed some of the example tutorials from the ESP8266 workshop at CCHS. First, used a Lua script that sent a message to the serial console every time a connected button was pressed. Then used the device to send a UDP packet to a laptop running Netcat when the button was pressed.

**What we found out:**

Successfully able to program the device. Toolchain is now fully identified.