

**Universidade Fernando Pessoa**  
*Hardware and Sensors*

**Control Ambient Lights**

1. Create a project, which will enable you to control the color of the environment lights. Using the following components:
  - a. 3 x 220 $\Omega$  ohm resistor
  - b. RGB Led
  - c. 3 x Potentiometer (to control Red, Green and Blue tonality)
  - d. Arduino Uno
  
2. Submit your code and circuit(s) screenshot(s) into the eLearning Hardware and Sensor dropbox.