Practical Internet of Things (IoT) Course for Young Women

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Topics

- IoT concepts
- Learning process
- IoT course

IoT

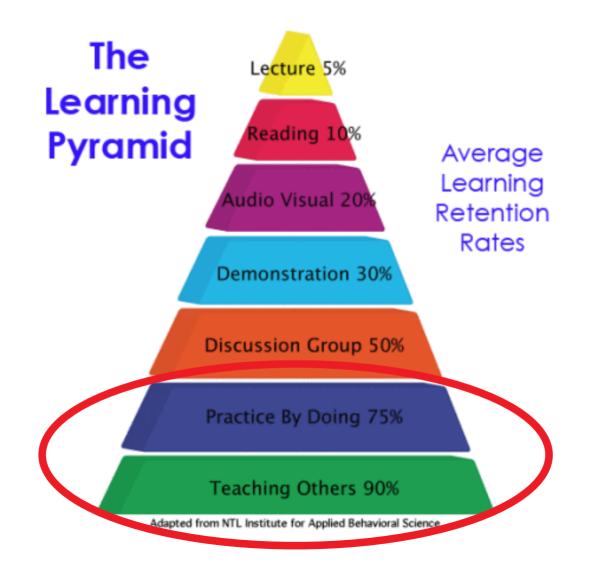
- Micro-controller
- Sensors
- Actuators
- Communication/Network
- Application











IoT Course

- 80 hours / 5 modules:
 - Internet of Things Introduction 8 hours
 - Programming 20 hours
 - Electronics and Micro-controller programming 20 hours
 - Mobile Application Development 20 hours
 - Connected Objects 12 hours

IoT Course

- Materials:
 - 1 Arduino Uno R3;
 - 1 WiFi ESP32 Bluetooth module;
 - 1 sensors kit (temperature, humidity, light, ultrasound, etc.);
 - 1 actuators kit (motor server, motor DC, LED, relay, etc.);
 - 1 jumpers kit;
 - 1 protoboard;
 - 1 9V battery and plugues