

اَوْنَبُوْرَسِيْتِي تِيْكُوْلُوْكِ مِيْاْرَا  
UNIVERSITI  
TEKNOLOGI  
MARA

## Blueprint Training Kit

**TECHNOLOGY ENTREPRENEURSHIP (ENT600)**

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**Group** : EMD7M13  
**SEMESTER** : 7  
**PROJECT TITLE** : Training Kit  
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# Chapter 1: PRODUCT DESCRIPTION

## 1.0 Introduction

Training Kit is a product contain electrical and mechanical component. The product can give electrical and pneumatic knowledge toward staff and engineer. This product can reduce company cost for sending their staff for training. Staff will able to troubleshoot problem of machine after train using this machine. Training Kit only a size of dinner table can put anywhere that suitable for training but must have current and air compressed supply.

## 1.1 Purpose of Development

- Help industry reduce their cost for sending worker for training
- Increase engineer and staff knowledge on electrical and pneumatic
- Reduce machine breakdown and increase troubleshoot speed when repairing machine.

## 1.2 Product Concept

- Training Kit is a training device to increase or train workers in term of electrical and pneumatic.
- A device that combine wiring, PLC and pneumatic.

## 1.3 Application

- Has electrical component such as relay and switch and pneumatic item where worker or staff can train by knowing the function and build their circuit.
- Safety features where breakers will cut of power if electric shock occur.

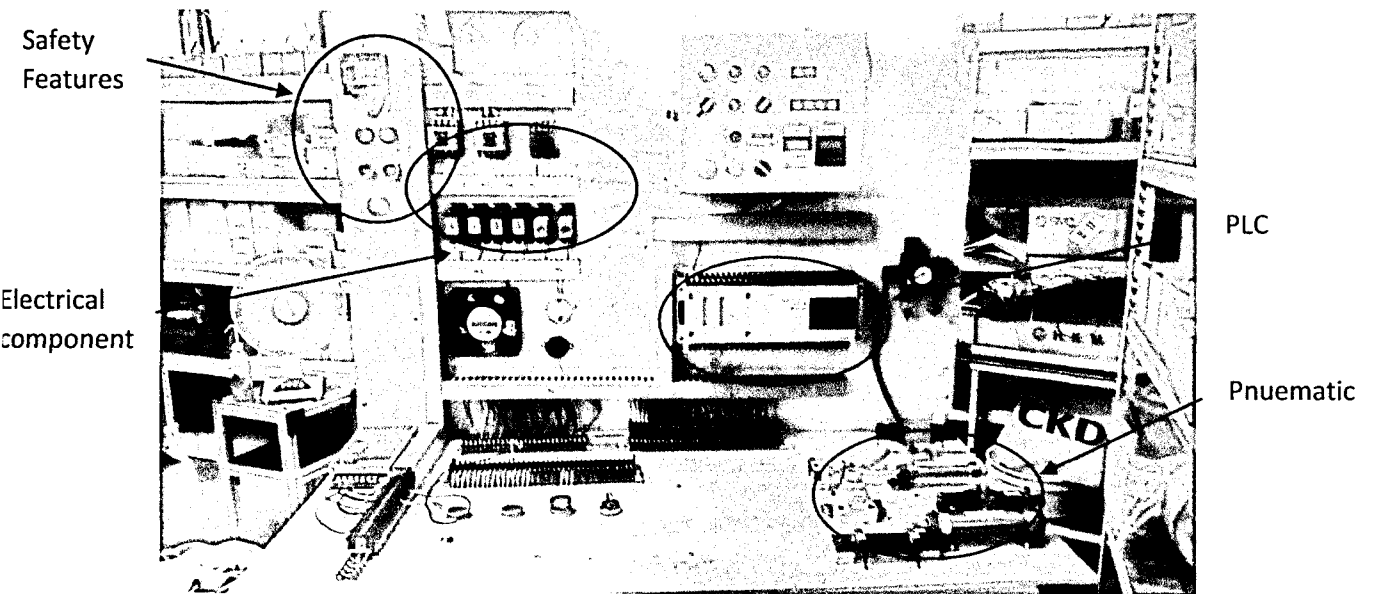
## 1.4 Unique Features

There are many unique features:

- Combine electrical and pneumatic
- Its content latest type of electrical components and pneumatic components.
- Provide module for training.
- Safety features as electrical training is dangerous.

### 1.4.1 Picture of Description

Picture shows one of the prototype that have been make:



# Chapter 2: TECHNOLOGY DESCRIPTION

## 2.0 Overview product prototype.

