Cairo University
Faculty of Engineering
EECE Department

Spring 2018
First year
Measurements Course

Measurements project

Objectives:

Students should choose one of these two projects:

1. Voting system:
    A device used in decision taking places that consists of three choices
    (1) Agree
    (2) Disagree
    (3) Abstain

    And then display the results of each choice.

2. Attendance counter:

    A counter device used in lecture halls to count the number of students attending. A RFID system is used to take the attendance then counts on a display the number of attendees.

Project flow:

Each team shall consist of (   )team members.

All teams are required to deliver .A pcb board containing the hardware of the systems working correctly. Each team has the option to choose how they will design the system.

Cairo University
Faculty of Engineering
EECE Department

Spring 2018
First year
Measurements Course

Delivery phases:

Phases 1. Pcb design 1st month
2. Buying pcb and components& software design 2nd month
3. System integration 3rd month