## FEEG 2001 – Systems Design and Computing (Odometry Assessment - 10%)

**Class:** M1 M2 A1 A2 **Group:** A B C D E F G H I J K L M N O P

**Assessors Initials:** SDP

**Task:** Odometry Exercise

(2017/2018)

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 100-80 | 79-70 | 69-60 | 59-50 | 49-40 | 39-25 | 24-0 | Assessment Criteria |
|  |  |  |  |  |  |  | Success of the System in the Circuit Task: *(Accurate control and speed)* |
|  |  |  |  |  |  |  | ***Build Quality:***  *(Design, quality of construction, wiring, reliability, safety, etc)* |
|  |  |  |  |  |  |  | Arduino Sketch: *(Comments, Succinctness, Advanced Techniques)* |
| Outstanding | Good | Average | Fair | Bare Pass | Fail | | Time for circuit: s  Completed circuit: Yes/No Waypoint No.  Accuracy Score = /50 |

**Indicative Grade (%)**

##### Note: All grades are provisional

*Any other comments:*

***Cost = £***

***Mandatory Elements:***

*Footprint A4 and Height 350 mm: Yes/No*

*Start/Stop Switch: Yes/No*

*Use of 2 A Fuse: Yes/No*

*Use of a Deans or XT60 connector: Yes/No*

*Waypoint Stop: Yes/No*

*Waypoint Indication: LED/Sound/Both/None*