**Research In Engineering**

**Progress Report**

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| --- | --- | --- | --- | --- | --- |
| **Date** | **Day** | Sylabus Activity | Sylabus Due Dates | % grade | Your Plan/Goals |
| 1/20 | Tu | Data Aquisistion |  |  | Take a scan and document what is currently happing. |
| 1/22 | Th | Data Aquisistion |  |  | Work on code to for determining rotation. |
| 1/23 | Fr | No Class | Preliminary Analysis Due, including text, tables, and charts | 5% | Submit preliminary analysis on a scan with a moved object |
| **1/26** | **Mo** | Data Aquisistion |  |  | Work on code for determing rotation. |
| 1/27 | Tu | Data Aquisistion and reporting |  |  | Code for determing rotation with movement. |
| 1/29 | Th | Data report |  |  | Continue code |
| **1/30** | **Fr** | Data report | Draft Data Report Due with text, tables, and charts | 10% | Continue code,Begin taking data with the sensor moving around the test bed, begin draft. |
| 2/2 | Mo | Data analysis and discussion |  |  | Finish Draft |
| 2/3 | Tu | Data analysis and discussion |  |  | Turn in draft |
| 2/5 | Th | Data analysis and discussion |  |  | Analyze data |
| **2/6** | **Fr** | Data analysis and discussion | Draft Analysis and discussion due | 10% | Analyze data, draft analysys |
| 2/9 | Mo | Final paper |  |  | Final paper |
| 2/10 | Tu | Final paper |  |  | Final paper |
| 2/12 | Th | Final paper |  |  | Final Paper |
| **2/13** | **Fr** | Final paper |  |  | Final Paper |
| 2/16 | Mo | Final Exam Period | Final Paper Due | 30% | Turn in final Paper |

**Summarize what you believe is realistically achievable at this point. Please specify which phases, conditions, number of trials, etc. Emphasize how this differes from what is written in your draft intro/methods. Understand that work outside of class, comperable to homework and exam/quiz studying, is an expected comitment to this class.**

I believe I will be able to place the sensor in my box, and be able to tell how far the sensor has moved around the box. This is a vast simplification of what I planned on doing, as the sensor doesn’t tend to work well in scenarios that I can’t control, such as Ground Reynolds Hallway.

**What do you need that you can’t do/get yourself, and when:**

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| What? | When? |
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**What assistance is needed for work outside of class?**

I should be fine, as I only need my sensor, my box, and the small lego corner that I built.