

MEETING MINUTES

Topic: EGR 486C Team Meeting 1

Date: Monday, October 15, 2018

Time: 6:15 pm - 7:15

Location: Engineering Building

Minutes recorded by Nestor Rodriguez

Meeting called by Dr. Trevas

Attendees: All group members

Table 1. Record of meeting.

6:15 pm to pm	Item 1 <ul style="list-style-type: none">• Discuss Final design<ul style="list-style-type: none">○ Jeff's design• Concerns<ul style="list-style-type: none">○ Cost of strain gauge kit is over \$100, price is justified○ What is the the best way to turn the shaft<ul style="list-style-type: none">▪ Stepper motor○ How to switch out shaft without limiting strength of fastener by smallest shaft<ul style="list-style-type: none">▪ Use a stepped fastening shaft▪ Shouldn't lengthen device beyond acceptable limits○ Strength of shaft<ul style="list-style-type: none">▪ use taper bearing to handle axial and thrust loads	EGR Building
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Table 2. Tasks Assigned.

Task	Person Assigned	Due Date	Date Complete
Calculate forces acting upon frame, recommend material/design	Aj	11/9/18	11/8/18
Calculate forces acting upon shaft, recommend best material	Barek	11/9/18	11/8/18
Research strain gauges, find an acceptable kit	Jeff	11/9/18	11/8/18
Create a more detailed final design concept	All	10/18/18	10/17/18

Research belts and pulleys, recommend best combination	Nestor	11/9/18	11/8/18
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Next formal meeting: 10/17/18, Engineering Building, at 5:20pm.
Next member responsible for meeting minutes: Nestor