

ACTION ITEMS

TEAM: 3-IRS

Due Date:

Monday, February 4, 2019 5:30pm

The following are the Action Items from last week:

Team Member: Husain Alsaffar

Action Item	Date Due	Date Completed	Result/Proof of Completion
Understanding diametral pitch and how it could be used to reduce size and cost	2/6/2019	N/A	Once the tooth count and the outside diameter of the gears are determined. Then the diametral pitch and the gear cutter sizes needed would be determined.

Team Member: Casi Garcia

Action Item	Date Due	Date Completed	Result/Proof of Completion
Begin UGRADS Poster Design	04/05/19	N/A	Template given by NAU. Shared with team on Google Drive.
Begin Revision of Report	03/08/19	N/A	Completed 75% of revision from Final Proposal, still needed: updated CAD.

Team Member: Derek Pacheco

Action Item	Date Due	Date Completed	Result/Proof of Completion
Design electrical circuit with Professor Sharber.	02/06/19	N/A	Met with Professor Sharber on 01/28/19. Will meet again.
Create alternator testing system.	02/06/19	02/03/19	Arduino is taking input RPM and rotating alternator at that RPM.
Test alternator output through oscilloscope.	02/06/19	N/A	This will occur with Professor Sharbers supervision and assistance at this weeks meeting.

Team Member: Nicholas Schulz

Action Item	Date Due	Date Completed	Result/Proof of Completion
Design phone holder and electrical box for the side of the chair in Solidworks.	2/6/19	N/A	Design in development. (70% completed: 2/3/19)
Identify components needed for electrical box sub-system	2/8/19	N/A	Parts being identified. Will run initial costs by team on Wednesday (2/6) for approval.

The following are the Action Items for next week:

Team Member	Action Items	Date Due
Husain Alsaffar	<ol style="list-style-type: none"> 1. Look at gear cutters and understand Chordal Thicknesses of gear teeth and gear milling cutters 	<ol style="list-style-type: none"> 1. 2/13/19
Casi Garcia	<ol style="list-style-type: none"> 1. Continue working on poster and report 2. Aid Nick with completing and updating CAD 	<ol style="list-style-type: none"> 1. 03/08/19 2. TBD
Derek Pacheco	<ol style="list-style-type: none"> 1. Complete electrical circuit layout. 2. Order electrical components. 3. Build electrical circuit (dependent on receipt of order) 	<ol style="list-style-type: none"> 1. 02/10/19 2. 02/13/19 3. TBD
Nicholas Schulz	<ol style="list-style-type: none"> 1. Continue working on electrical box. 2. Identify parts/ pricing for electrical box. 3. Aid Derek with generator characterization. 	<ol style="list-style-type: none"> 1. 2/6/19 2. 2/8/19 3. TBD