

Design Challenge Report Format/Evaluation

Your reports will be judged along two dimensions:

- ❖ The formatting of the report
- ❖ The contents of the report

Formatting

This includes how professional your report is. Look up samples of formal reports (eg. Sample HPVC Design Reports) and structure/format your report based on the styles employed in those. To help you out, here is a list of features your report should contain:

- ❖ Table of contents
- ❖ List of figures/tables
- ❖ Headings and Subheadings
- ❖ Captions below figures
- ❖ Proper referencing in the text
- ❖ Bibliography

Note: Microsoft Word has neat and helpful yet unexplored features that can help you with all of the above. Use those features to make your work easy.

Contents

This includes whatever you will write about the design of your device in the report. Here are some things you should cover:

- ❖ Abstract
- ❖ Motivation
- ❖ Outline of approach
- ❖ Analysis of final design
- ❖ Final Design (a front, top, right and isometric view of your design's 3d model using any simple 3d software of your own preference (such as paint3d) or with the help of Engineering Drawing hand sketches)
- ❖ Cost analysis
- ❖ Error sources
- ❖ Conclusion

Instructions

- ❖ You are advised to avoid writing lengthy essays, stick to the point and write all that is relevant.
- ❖ The reports will be judged on quality rather than quantity
- ❖ Deadline for Submission: 7th June, 2020 11:59pm
- ❖ Save your reports in PDF format
- ❖ The name of your file should follow this format: "[Group number] + ME11[Section] + Design Report"
- ❖ Email your reports to: imeche.liaison@smme.edu.pk