

Project Instructions

MCEN 5152: Introduction to Combustion

Your class project will be to do an engineering analysis on various combustion technologies. The main deliverables will be a 10-page report on the topic and a 3-minute overview presentation. The project will count for 20% of your total grade and will follow the proposed set of deadlines:

October 10, 2017

- In class, you will randomly select your research project topic.

November 2, 2017

- In class, you will turn in a 1 page project proposal with an overview of the topic as well as an outline for your 10-page report. At least part of your proposed project must include environmental or societal effects with regard to your piece of technology. You must also include some sort of engineering analysis based on the principles of this course.

December 7, 2017

- Your report (10-pages 1.5 spaced, 1 inch margins, Times New Roman) and a single PowerPoint presentation slide (standard side/ not widescreen) are due. The slide may be emailed to me but please hand me a hard copy of your report. It may be double side printed if you'd like to save trees.

December 12, 2017

- You will present elevator pitches to the class using the pre-loaded single slide you turned in the week before. In this presentation, you will give the class a 3-minute overview of your technology. The rest of the class will judge you on the clarity and content of your presentations.