

MEETING MINUTES

Topic: Team Charter and Cycle Possibility Discussion

Friday, September 13, 2013

7:00 pm – 7:45 pm

Minutes recorded by Jacob Barker

Attendees: Jacob Barker, Samm Metcalfe, Ashley Shumaker

Please bring: Review Team Charter before meeting

Table 1. Record of meeting.

7:00 pm to 7:15 pm	Ashley and Jacob edited team charter <ul style="list-style-type: none">• Clarified meeting time• Added to team member roles and project goals sections• Corrected typos, formatting, etc.	EGR Lobby
7:15 pm to end	Cycle possibility discussions <ul style="list-style-type: none">• Rankine Cycle would be interesting, but probably too difficult. Throw this out• Gas power plant<ul style="list-style-type: none">○ Separate compressor and turbine○ Different sizes, maybe interchangeable nozzles etc., see how they affect performance○ Compressor pressure ratio• Otto/Diesel<ul style="list-style-type: none">○ Would require a lot of fabrication○ Not as visual-would need second model for demonstration○ Hard to collect data○ Would require students to leave classroom○ Would give students better visual of piston-cylinder engine• At next client meeting, present two ideas. Our team is leaning towards the first, but may use the second if the Brayton cycle is too similar to what has already been done.	EGR Lobby