

GROUP 1 STIRLING COOLER  
MEETING MINUTES  
Staff meeting: June26, 2018

Member present: Luis, John, Ahmad, Abdulrahman, Faiez, and Dr. Trevas.

**Announcements:**

**Client Input:**

Client was discussing with the team about different existing designs that he knew about. He suggested us to look at Urieli's Stirling cycle machine analysis.

**Team input:**

- Looked at the differences for both Stirling and cryocooler engines.
- Discussed what would be more interesting to work on for our final design.

**Individual Progress:**

**Luis:** been looking at different subsystems such as fin types and regenerator materials.

**John:** been looking at free piston existing designs.

**Abdulrahman:** been looking at alpha piston existing designs.

**Faiez:** been looking at Gamma piston existing designs.

**Future Direction:**

Our future progress is to complete both the preliminary report and presentation. Also, will be meeting outside of class to discuss all the existing designs that the team came up with.