

MEETING MINUTES

Topic: CAD/BOM

Thursday, April 5, 2018

9:35 am – 9:55 am

Minutes recorded by Jacob Barker

Attendees: Jacob Barker, Samm Metcalfe, Ashley Shumaker (+Amy Swartz, David Willy)

Table 1. Record of meeting.

9:35 am to 9:40 pm	Deliverables for end of semester <ul style="list-style-type: none">• Make sure to have meeting after Sunday (4/8)<ul style="list-style-type: none">○ Discuss analytical reports○ What you learned, what still needs to be done• Have MATLAB code perfected by end of semester	Room 120
9:40 am to 9:50 am	Discussion of CAD/BOM <ul style="list-style-type: none">• CAD<ul style="list-style-type: none">○ Need overall layout and scale<ul style="list-style-type: none">▪ Can use disk/flat plate in place of rotor blades for now○ How many blades do I need?<ul style="list-style-type: none">▪ Used revolved feature▪ Allows for Parametric redesign• BOM<ul style="list-style-type: none">○ Start general, add more information as you figure it out○ Things to consider:<ul style="list-style-type: none">▪ Electrical heat exchangers▪ Bearings/place holders	Room 120
9:55 am to end	Plan for Prototype <ul style="list-style-type: none">• 3D printing-can you print it?<ul style="list-style-type: none">○ If object is smaller than filament bead, 3D printer won't be able to print.	Room 120