MEETING MINUTES

Topic: Initial Meeting With David Willy

Tuesday, September 12, 2017
2:05 pm – 3:35 pm

Minutes recorded by: Jeremy Tilden

Meeting called by: Adam Wedell

Attendees: Andrew Robinson, Isaac Keene, David Willy

Table 1. Record of meeting.

2:05 pm – 2:10 pm	**Begin Meeting**
	• Meeting started by Adam Wedell
	• Created list of items to discuss with David Willy
	• Narrowed it down to two categories:
	  o Budget
	  o Expectations
		EGR 101

2:10 pm – 2:20 pm	**Budget**
	• Some funding will be available through class fees
	  o Thermodynamics II and Capstone
	• Do research on funding – find sponsors
	• Look for list of companies that have already sponsored NAU projects (no duplicates!)
	• Look for small companies
	• Asking for sponsors: when unsure of already funding NAU projects, preface with:
	"If your company is not already funding…"
	• Talk to capstone professor for fundraising
	  o Materials/Software
	  o Money through foundation
		EGR 202

2:20 pm – 2:30 pm	**Expectations**
	• Maybe measure thrust
	• Prefer compressed air, but OK with electric motor if necessary
	• Analyze the system
	  o See through (visual)
	  o See each component in the system
	• Fit everything on rolling cart, ease of transportation
	• Detailed instructions describing each component
	• Doesn't matter scale, just be able to analyze
	• Measure strain = calculate thrust
	• Turbofan – typically 8:1 bypass ratio
	  o Large = more thrust
	• Small scale model (air duster)
		EGR 202

2:30 pm – 2:35 pm	**First Steps** ● David Willy gave us recommendations for first actions to take ● First – look at subsystems o Break up the work o Where to start research (books) o Discuss funding with capstone instructor	EGR 202
2:35 pm	**Additional Comments** ● David Willy lent textbooks that will provide valuable information on the design	EGR 202

Table 2. Tasks Assigned.

Task	**Person Assigned**	**Due Date**	**Date Complete**
Start reading textbooks and look for information valuable to design			

Next formal meeting: 9/12/2017, Room 11, duBois Center, at 5:30 pm.