

Vandal Forge
Team Meeting Minutes
18 OCT 2016

- Team Citizenship Forms need to be submitted to Dr. Maughan by 11/18
- Does the team want to compete in the Idaho Pitch Competition?
- Nathan will be our Wikimaster
- Matt has scheduled the team to attend a welding lab demo with Professor Heimgartner on Thursday 10/27 @ 9:00AM to learn about the components of a MIG welder, inspect parts, etc.
- Create a Master Parts List
- Team members should create sketches that illustrate their vision of the project's final product.
- Kyle needs to talk to Professor Hess about the design of the power supplies design.
- Kyle should begin purchasing parts this week ahead of initial purchasing deadline 10/18.
- Need to ask Dr. Maughan about dates for scheduling the Design Review
Possible dates

EP 214/216

11/7 or 11/14 @4:30? Due by 11/18

- Team members need to attend two design reviews each.
- Peter will begin creating CAD drawings for some of the parts on the list.
- Discussed whether the parts for the main welding apparatus or the welder's power supply will take a larger chunk of the projects budget.
- Matt will begin working on understanding exactly how the welder and CNC machine will be physically integrated.

Welder parts: contact tip, nozzle, liner, defuser (\$80?)

12 V wirefeed Motor (\$25?)

Welder PSU Specs

At least 0-30A, 12 V

Ideally 0-60A, 12-24V

Gas 75%, Argon-CO₂ (Steel)