

Team Strategy Agreed from 10/5/2017 Lunch Meeting:

Course

- Skip obstacle #4 High Martian Butte (6 points/1 point for attempt) 49 secs to pull '17 over
- Skip obstacle #9 Lunar Crater (4 points/1 point for attempt) save 28 sec off of '17

Tasks

- Skip tasks #1 & #2 on first day to assess time, possibly add in on day 2
- Complete task #3 deploy solar cell; telemetry to design (11 pts)
- DNA task #4 due location in crater obstacle we are skipping
- Complete task #5 water retrieval on return trip through the course after obstacle #11 (10 pts)

Estimated score range: 59 - 64 points

'17 Re-race:

- race for time through the course
- skip the Butte
- modify wheels (40%)
- gearing?
- Brace up/fix hinge
- slightly lower gearing - swap cranksets; see spring Advanced Engineering research
- change crew restraints (10%)