

Tensegrity InTernal ActuationN (TITAN) Agenda – 9/11/14

Topics to cover

- Finalize Team Contract
- Discuss client interview times
- Discuss client interview topics
- Logbooks
- Project Learning
- Team Meetings

Tensegrity InTernal Actuation (TITAN)

Agenda – 9/18/14

Progress Reports

- Project Learning

Topics of Discussion

- Important Notes
- Questions for Mentors/Vytas
- Individual Goals
- Group Goals

Important Dates

- Vytas Sunspiral interview – October 9th
- Snapshot – October 14th

Tensegrity InTernal Actuation (TITAN)

Agenda – 9/23/14

Progress Reports

- Project tasks and subprojects breakdown

Topics of Discussion

- Project Timeline
- Subprojects
- Snapshot deliverables

Important Dates

- Vytas Sunspirial interview – October 9th
- Snapshot – October 14th

Tensegrity InTernal Actuation (TITAN)

Agenda – 9/30/14

Progress Reports

- Payload – James
- Kinematics and Cable lengths – Kelsey and Mark
- Motor Characterization – Dylan
- Motor Control - Amy

Topics of Discussion

- Project Timeline
- Snapshot deliverables

Important Dates

- Vytas Sunspiral interview – October 9th
- Snapshot – October 14th

Tensegrity InTernal Actuation (TITAN)

Agenda – 10/7/14

Progress Reports

- Payload – James
- Kinematics and Cable lengths – Kelsey and Mark
- Motor Characterization – Dylan
- Motor Control - Amy

Topics of Discussion

- Log Book/ Portfolio Grading
- Finalize questions for Vytas
- Snapshot deliverables

Important Dates

- Vytas Sunspiral interview – October 9th
- Snapshot – October 14th

Tensegrity InTernal Actuation (TITAN)

Agenda – 10/14/14

Progress Reports

- Payload – James
- Motor Characterization – Dylan
- Motor Control - Amy

Topics of Discussion

- Project Portfolio
- Snapshot setup

Important Dates

- Snapshot – October 14th

Tensegrity InTernal Actuation (TITAN)

Agenda – 10/21/14

Progress Reports

- Payload Manufacturing – James
- Second triangle tipping points – Mark and Kelsey
- Motor Characterization – Dylan
- Motor Control – Amy

Topics of Discussion

- Payload Manufacturing schedule
- Controller design
- James is gone – 10/28/14

Important Dates

- Mid-semester wikipage due 11/3
- Design Review – 11/3 – 11/21
- Snapshot Day #2 – 12/5

Tensegrity InTernal Actuation (TITAN)

Agenda – 10/28/14

Progress Reports

- Payload Manufacturing
- Motor Characterization (Results from last Thursday) – Dylan
- Motor Control (Result from last Thursday) – Amy

Topics of Discussion

- Payload Manufacturing schedule
- Controller design
- Integration of motor control

Important Dates

- Mid-semester wikipedia due 11/3
 - o Write bios and put in shared drive
- Design Review – 11/3 – 11/21

Snapshot Day #2 – 12/5

Tensegrity InTernal Actuation (TITAN)

Agenda – 11/4/14

Progress Reports

- Motor drivers
- Payload Manufacturing
- Wiki page

Topics of Discussion

- Motor Drivers design
- Design Review
- Vytas Update
 - o What to include?
 - o Who is sending it?
 - o When?

Important Dates

- Mid-semester wikipage due 11/3
 - o Write bios and put in shared drive
- Design Review – 11/3 – 11/21
- Snapshot Day #2 – 12/5

Tensegrity InTernal Actuation (TITAN)

Agenda – 11/11/14

Progress Reports

- Teensy Motor Driving
- Current Design review outline
- Motor controller design

Topics of Discussion

- Design Review
 - o 11/18/14
- Next step
 - o Driver, testing, designing, etc
- Infinite potentiometer
- Parts order
- Everyone's goals
- Log book Review 2

Important Dates

- Design Review – 11/18/14
- Snapshot #2 – 12/5

Tensegrity InTernal Actuation (TITAN)

Agenda – 11/20/14

Progress Reports

Topics of Discussion

- Design Review Recap
- Finalize sensor we plan to use
- Finalize board
- Geared potentiometer
- Moving payload

Important Dates

- Snapshot #2 – 12/5