

M-RAD Team Meeting Agenda

Date:

Start Time:

Location:

Attendance:

Late/Absent:

Meeting Objective:

Action Items From Previous Meetings	Responsibility of	Due Date
1. 2. 3.		

New Action Items	Responsibility of	Due Date
1. 2. 3.		

Other Information & Business:

Next Meeting:

End Time:

M-RAD Team Meeting Agenda

Date: Tuesday September 13, 2016

Start Time: 4:30 pm

Location: Renfrew Hall Classroom

Attendance: Kyle, Blake, Fawaz, Selso, Dr. Dan, Dr. Beyerlien

Late/Absent:

Meeting Objective:

- Establish Project Goals
 1. To fully understand the current state of the project
 2. Identify Hardware, possibly get a turret for testing and product development
- Brainstorm
- Project Learning
 1. Torque Sensors, Sensors for measuring angle
 2. Backlash, backlash fixture
 3. Fixtures for motor, turret, etc.
 4. Company Standards
 5. Data Acquisition Platform
 6. Meteorology of Threads
 7. Burnishing Process
 8. Material Treatment
 9. Laser Methods for Backlash

Other Information & Business:

- Have questions prepared to ask at the client interview and company tour
- Gmail Information

Username: mradproject@gmail.com

Password: nightforce4

Tasks:

Blake: Research Sensors

Kyler: Research Burnishing Process

Selso: Research Methods for measuring backlash

Everyone bring 10 questions for the client interview to compile them

Next Meeting:

Date: Thursday September 15, 2016

Start Time: 3:30 pm

Location: Senior Design Suite

End Time: 5:00 pm

M-RAD Team Meeting Agenda

Date: Thursday September 15, 2016

Start Time:

Location: Senior Design Suite

Attendance:

Late/Absent:

Meeting Objective:

- Present findings from research
- Compile interview questions
- Share new Ideas
- Discusses Project Learning
- Create rough timeline to meet project goals

Other Information & Business:

- Have questions prepared to ask at the client interview and company tour
- Gmail Information

Username: mradproject@gmail.com

Password: nightforce4

Tasks:

Blake:

Kyler:

Selso:

Fawaz:

Next Meeting:

Date:

Start Time:

Location:

End Time:

M-RAD Team Meeting Agenda

Date: Tuesday September 20, 2016

Start Time:

Location:

Attendance:

Late/Absent:

Meeting Objective:

- *Status Update*
- *Project Learning*
 - Components*
- *Compile interview Questions*
- *Begin inserting things into Portfolio*
- *Client Interview*

Other Information & Business:

Tasks:

Blake:

Kyle:

Selso:

Fawaz:

Next Meeting:

Date: Start Time:

Location:

End Time:

M-RAD Team Meeting Agenda

Date: Thursday September 22, 2016

Start Time: 3:30 pm

Location: Library 1st floor room 131

Attendance:

Late/Absent:

Meeting Objective:

- *Status Update*
- *Portfolio*
- *Sketch Basic Designs*
- *Project Learning*
- *Create on official Calendar for project*
- *Have a set meeting time*
- *Contact PI About Turrets*
- *Compile everything for Snapshot Day 1 Tuesday October 11*

Other Information & Business:

Tasks:

Blake:

Kyle:

Selso:

Fawaz:

Next Meeting:

Date:

Start Time:

Location:

End Time:

M-RAD Team Meeting Agenda

Date: Thursday October 10, 2016

Start Time: 12:30 pm

Location: Senior Design Suite

Attendance: Blake, Kyle, Fawaz, Selso

Late/Absent:

Meeting Objective:

- *Status Update*
- *Portfolio*
- *Present Base Designs*
- *Project Learning*
 - *Torque sensors to test torques on turrets*
 - *Backlash testing with a Linear Potentiometer*
- *Present official Calendar for project and make changes*
- *Confirm that PI was contacted about Turrets*
 - *Requested 4 burnished Turrets*
 - *2-SA266*
 - *2-SA289*
- *Compile everything for Snapshot Day 1 Tuesday October 11*
 - *Solid Models of Our Design Ideas*
 - *Printout of Team Name, Members, Client, Descriptive Project Title*
 - *Problem Statement*
 - *Design Goals/Deliverables*
 - *Table of Specifications*
 - *Documentation and Project learning*
 - *Semester Plan/Schedule*
- *Capstone Mentor Is Jacob Giles(Jake)*
Email: gill5051@vandals.uidaho.edu

Other Information & Business:

Tasks:

Blake:

Kyle:

Selso:

Fawaz:

Next Meeting:

Date: Thursday October 13, 2016

Start Time: 3:30 pm

Location: Gauss Johnson Senior Design Suite

End Time:

M-RAD Team Meeting Agenda

Date: Thursday October 13, 2016

Start Time: 3:30 pm

Location: Senior Design Suite

Attendance:

Late/Absent:

Meeting Objective:

- More Project Learning
 - Solenoids
 - Dial Indicators with Electrical Readouts
 - Piezo Distance Sensors
- *Present official Calendar for project and make changes*
- *Confirm that PI was contacted about Turrets*
 - *Requested 4 burnished Turrets*
 - *Kyle Contact PI About Turrets*
 - *2-SA266*
 - *2-SA289*
- *Blake Contact PI About Tool Drawings*
- Design Phases
- V-Block
 - Rubber
 - Other Synthetic Material
 - Low Hardness
 - Low Ware
 - Low Coefficient of Hardness
 - Loading Using A pneumatic Method (Cylinders)

Other Information & Business:

Tasks:

Blake:

Kyle:

Selso:

Fawaz:

Next Meeting:

Date:

Start Time:

Location:

End Time:

M-RAD Team Meeting Agenda

Date: Thursday October 20, 2016

Start Time: 3:30 pm

Location: Senior Design Suite

Attendance: Blake, Kyle, Fawaz, Selso

Late/Absent:

Meeting Objective:

- Assign Project Learning
 - Solenoids
 - Dial Indicators with Electrical Readouts
 - Piezo Distance Sensors
- Design Phases
 - Base, and
- Base Block Designs
- Wiki Page

Other Information & Business:

Tasks:

Blake:

Kyle:

Selso:

Fawaz:

Next Meeting:

Date:

Start Time:

Location: Senior Design Suite

Meeting Ended:

M-RAD Team Meeting Agenda

Date: Thursday October 27, 2016

Start Time: 3:30 pm

Location: Senior Design Suite

Attendance:

Late/Absent:

Meeting Objective:

- Project Learning
- Wiki Page Progress, Draft due November 4 to lead Instructor
- Logbook & Portfolio Due November 8 to Lead Instructor
- Design Review(w/client & Lead Instructor), Shoot for November 10,
- Prototype Something For Design Review

Other Information & Business:

Tasks:

Blake:

Kyle:

Selso:

Fawaz:

Next Meeting:

Date: 11/3/2016

Start Time: 3:30 pm

Location: Senior Design Suite

Meeting Ended:

M-RAD Team Meeting Agenda

Date: Monday October 31, 2016

Start Time: 12:30 pm

Location: Senior Design Suite

Attendance:

Late/Absent:

Meeting Objective:

- Project Learning
- Backlash Sensors
- Torque Sensors
- Dove Tail vs T-Slots
- Air Fittings
- Wiki Page Progress, Draft due November 4 to lead Instructor
-
-
- Logbook & Portfolio Due November 8 to Lead Instructor
-
-
- Design Review(w/client & Lead Instructor), Shoot for November 10,
- Ask PI About Turret Drawings, Design Review Date and People Attending
- Create A prototype
- Presentation: Problem Statements, Design Phases, Current Design
- Prototype Something For Design Review
- Prototype Turret Holding Blocks

Other Information & Business:

Shared Drive Folder

Shared > Engineering > SeniorDesign > M-RAD

Tasks:

Blake:

Kyle:

Selso:

Fawaz:

Next Meeting:

Date:

Start Time:

Location:

Meeting Ended:

M-RAD Team Meeting Agenda

Date: Monday November 07, 2016

Start Time: 12:30 pm

Location: Senior Design Suite

Attendance: Blake, Kyle, Fawaz, Selso, Dr. Dan

Late/Absent:

Meeting Objective:

- Project Learning
Dove Tail Vs T-Slots
- Wiki Page Progress, Draft due November 4 to lead Instructor
Continue to Improve Wiki Page
- Logbook & Portfolio Due November 8 to Lead Instructor
Turn Logbooks into Dr. Dan after Design Review
- Design Review (w/client & Lead Instructor), Shoot for November 10,
Problem Definition, Deliverables, Design Concepts, Components, Bill of Materials, Design Phases, Presentation: Problem Statements, Design Phases, Current Design, Design Review is on November 10, 2016 @ 5pm in the ME Conference Room
- Work on Prototype
*Finalize Base with Torque and Backlash Sensor for the backlash sensor
3-D Print Clamps & Torque Sensor*

Other Information & Business:

Tasks:

Blake: *3-D Print, Model Sensors*

Kyle: *Presentation*

Selso: *Redesign Parts on Prototype*

Fawaz: *Update Wiki Page*

Next Meeting:

Date: 11/10/2016

Start Time: 5:00 pm

Location: ME Conference Room

Meeting Ended: 1:03 pm

M-RAD Team Meeting Agenda

Date: Monday November 13, 2016

Start Time: 12:30 pm

Location: Senior Design Suite

Attendance:

Late/Absent:

Meeting Objective:

- Electronic Schematic Diagram
- Notes To Share about Design Review
- Define Goals for rest of semester
- Deliverables for Snap Shot on December 2
- Team Member Citizenship - email electronic copy to your lead instructor, Due Friday November 18
- Proof of Concepts
- Order Parts

Other Information & Business:

Tasks:

Blake:

Kyle:

Selso:

Fawaz:

Next Meeting:

Date:

Start Time:

Location:

Meeting Ended:

M-RAD Team Meeting Agenda

Date: Monday November 28, 2016

Start Time: 12:30 pm

Location: Senior Design Suite

Attendance:

Late/Absent:

Meeting Objective:

- Detailed Electronic Schematic Diagram
- Further Changes to design Model
 - T-Slot Nuts
- Deliverables for Snap Shot on December 2 8:30-10:20 Senior Design Suite
 - Operating Jaw Block
 - Calibrated Sensors
 - Torque Sensor Assembly
- Semester Deliverables Friday December 9
- Proof of Concepts

Arduino or Data acquisition using Matlab for sensors

Building Blocks on CNC then testing them

- Ordered Parts

Other Information & Business:

- Piezo Sensors, Drift and Control System
- Orientation of assembly can still change
- ¼ inch hex drives
- Reject turrets to test torque in jaws
- Electronic Pressure regulator
- Pressure gauge

Tasks:

Blake:

Kyle:

Selso:

Fawaz:

Next Meeting:

Date:

Start Time:

Location:

Meeting Ended:

M-RAD Team Meeting Agenda

Date: Monday December 5,, 2016

Start Time: 12:30 pm

Location: Senior Design Suite

Attendance:

Late/Absent:

Meeting Objective:

- Detailed Electronic Schematic Diagram
- Current Design
 - T-Slot Nuts
- Semester Deliverables Friday December 9
- Proof of Concepts

Arduino or Data acquisition using Matlab for sensors

Building Blocks on CNC then testing them

- Ordered Parts

Other Information & Business:

Tasks:

Blake:

Kyle:

Selso:

Fawaz:

Next Meeting:

Date:

Start Time:

Location:

Meeting Ended: