

Questions and Answers Vol. 2

or

“There is such a thing as too much beer”

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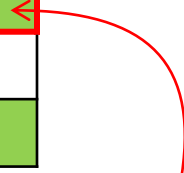
But first...

Some house keeping

Calendar at a glance

Week	Dates	Lecture	Reviews	Demos	Assessment submissions
1	25/2 – 1/3	Introduction			
2	4/3 – 8/3	Principles of Mechatronic Systems design			
3	11/3 – 15/3	Principles of Sailing			Design brief
4	18/3 – 22/3	Sensor Fusion and Filtering	Progress review 1		
5	25/3 – 29/3	Your Soldering is Terrible			
Break	1/4 – 5/4				
6	8/4 – 12/4	3D printing	Progress seminar		
7	15/4 – 19/4	Image Processing on Microcontrollers		25% demo	
8	22/4 – 26/4	Fluid Mechanics			
9	29/4 – 3/5	Q&A	Progress review	50% demo	
10	6/5 – 10/5				
11	13/5 – 17/5	Q&A		75% demo	Preliminary report
12	20/5 – 24/5	Q&A			
13	27/5 – 31/5	Closing lecture		Final testing	Final report and addendum

You are here →



Jumpin' Jehosophat!

FAQ Roundup

- **None as yet**

Lab matters

- There are outsiders amongst us!
 - They look just like us
 - They are secretly toasters
 - They have a plan
- Safeguard the lab from those who don't belong there
 - Secure your space and possessions

Incremental demo 3

- Last chance to secure safety-net marks
 - Earned marks will be capped at 75% of total
- Full scenario in play
 - Makes an effective test of your design

By appointment only – so far no takers

Preliminary report

- Due on Friday!
 - 5 pages of explanation/writing
 - Stick any math/sims/figures/budgets/etc in an appendix or ten
- Convince me you have done due diligence on your engineering design
 - Show me the cool stuff you've done!

Preliminary report

- Pass/fail mark – the point of this exercise is to give you feedback for your final report

Make it as close to the final report as possible:

1. It will (likely) ensure a pass
2. You can get useful hints on improvements
3. It will already be written for 2 weeks' time

The preliminary report

- The preliminary report must:
 - Contain the majority of content and structure of the final report
 - Constitute a complete, polished report in its own right (preliminary, *not draft.*)
- The preliminary report must not:
 - Be an unstructured jumble of material
 - Be an incomplete, feeble effort

Preliminary report

Some notes:

- The report is individual assessment
 - One report per student, **not** one report per team
- Focus on your contributions and efforts
 - But explain how they fit into the team's design
- Your 5 pages are precious
 - Use the appendices wisely
 - Make sure any content essential to understanding your design is in the main body

Questions?



Tune-in next time for...

Förderung der Wissenschaft mit Bier

or

“Academia: totally worth it”

Fun fact: A devotional prayer to the ancient Summerian goddess
Ninkasi was also a recipe for beer.