Questions and Answers

Vol. 1

“All that stands between us and Wordsmiths”

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University of Queensland
But first…

Some house keeping
House keeping

• Rubbish and drink bottles in the lab
  – Warning 1. If you see someone making/leaving a mess in the lab, politely excoriate them.
  – Lab is No Food Zone. Eat outside plz kthxbye.

• Progress Reviews are done
  – (Almost) everyone passed; some barely
  – Wake-up call for a lot of people
  – We are seeing lots of hacking, very little math
House keeping

• Group 10 is no more; Group 9 is now bigger
  – Should have no advantage or disadvantage

• On PCBs:
  – Submit to Steve Wright for BEC batch runs
  – If you want to use a specific fab (eg. for fast turnaround) talk to ETSG – they will allow you to place the order yourself and get reimbursed
  – Ask John Kolbach first.
House keeping

Reminder:

- You must submit your designs to Doug for machining parts **THIS WEEK**
  - No parts will be machined for you after then
  - You can machine your own parts, but you won’t be able to go through the workshop
# Calendar at a glance

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<th>Lecture</th>
<th>Reviews</th>
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<td>Principles of Mechatronic Systems design</td>
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<td>Final testing</td>
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You are here

Try to do stuff 😊
Progress seminars

• Progress seminars are next week!
  – First group-based assessment
  – Gives you presenting experience and brings us up to date with your team’s progress

• Sign up for session slots via Doodle poll
  – Link to poll will be sent out via Blackboard announcement after the lecture (closes Friday)
Progress Seminar

• Group presentation – 10 minutes per team
  – Stand up and talk about your progress
  – Each person talks for roughly equal time

• Focus on progress, not the requirements!
  – We already know what the project goal is.
  – We know (roughly) what your approach is.
  – Don’t waste valuable time repeating them.
  – Above all, show evidence of your work.
Progress seminars

• How to sign up:
  – Have **one and only one** member of your team nominate a time for your team on the
  – When they sign up, they must include their **full name and team number**. If they don’t have both, the slot will be cleared.

• If you absolutely can’t get a slot that works for all of your group, email me ASAP
  – *But this should never happen*
FAQ Roundup

• Can we use off the shelf tires, or do we have to make our own?
  – Off the shelf tires are fine, so long as you aren’t using a rubber wheel that is 100% tire.

• Can we use Lego shafts?
  – Sure, but why would you want to?

• Can we use Arduino/RaspPi/Raspduino?
  – Yes… but I won’t respect you in the morning.

• Wasn’t there supposed to be a doodle poll for lecture topics?
  – Yeah, about that…
Lecture nominations

• Only one person nominated a topic
  – This presentation is therefore on that topic.

• Future topic polls will be conducted in class
  – Hey, let’s do that now!
Demos

• The first preliminary demonstration round runs next week
  – Mark cap at 25 per cent.
  – One demo attempt per team (in this round)

• If you are ready to test your car, contact me now so I can arrange things.
  – Bookings must be made by 5pm Friday.
Questions
Tune-in next time for...

Questions and Answers Vol. 2

or

“Everything you wanted to know about mechatronics, but were too lazy to ask!”