

# Questions and Answers Vol. 1

*or*

“Coffee makes the world go round.”

Paul Pounds

4 April 2016

University of Queensland

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# But first...

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Some house keeping

# Calendar at a glance

Week	Dates	Lecture	Reviews	Demos	Assessment submissions
1	28/2 – 3/3	Introduction			
2	6/3 – 10/3	Principles of Mechatronic Systems design			Problem analysis
3	13/3 – 17/3	Professional Engineering Topics			
4	20/3 – 24/3	Introduction to Practical PCB Design	Progress review 1		
5	27/3 – 31/4	Your soldering is (probably) terrible			
6	3/4 – 7/4				
7	10/4 – 14/4		Progress seminar	25% demo	
<b>Break</b>	17/4 – 21/4				
8	24/4 – 28/4				
9	1/5 – 5/5			50% demo	
10	8/5 – 12/5		Progress review		
11	15/5 – 19/5			75% demo	Preliminary report
12	22/5 – 26/5				
13	29/5 – 2/6	Closing lecture		Final testing	Final report and reflection

You are here →

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# Progress seminars

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- 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)

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# Progress seminars

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- 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 know what the project goal is (really!)
  - We know what your proposed solution is.
  - Don't waste valuable time repeating them.
  - Just show us your *progress*.

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# Progress seminars

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- You will be marked 50% on individual and 50% on group presentation, plus PAFs
  - Yep, more PAFs.
- Recall the presentation tips and tricks from lecture 3 – expectations are high!

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# Progress seminars

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- How to sign up:
  - Have **one and only one** member of your team nominate a time for your team on the poll
  - 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*

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# Lecture nominations

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- No nominations – so we’re doing Q&A
  - Still totally worth coming to, though!
- Future topic polls will be conducted in class
  - Hey, let’s do that now!



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# Doug is coming: are you ready?

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- It turns out that nobody here knows how to design or document parts properly
  - \$10,000 parts?? Doug is most perturbed!
- Doug will be at the prac session tomorrow
  - He will be running a free “consulting session” to help you with your machined part design
- I *strongly* urge you to go – bring your work
  - Heed his wisdom, padawan!

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# FAQ Roundup

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- **Hey, when are we getting that FAQ document?**
  - It's already up!
- **When do we get the full submarine model?**
  - Right now! (extra weight to be added tonight)
- **What's going on with the incremental demos?**
  - I'll talk about that in just a moment.
- **OMG, when are we getting the tank??**
  - Glad you asked...

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# The tank: an update

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- As you know, Grant Tayles was injured in a motorcycle accident some weeks ago
  - His injuries were worse than first thought
- Due to the current FWG workload, the tank is being taken over by Wayne from Mech
- I have impressed upon them the urgency of the tank – they are going as fast as possible
  - Thank you for your continued patience

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# Incremental Demo

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- Runs next Thursday in the usual timeslot
- A terrific opportunity to get closed-box testing experience (and possibly marks)
  - Even if your team isn't testing, you can really learn a lot from the experience of others!
- If you want to test, send me an email requesting a demo by Friday
  - Include your name and team number

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# Incremental demo

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“But... Paul... what will you do if the tank isn't ready by then??”

I'm glad you asked.

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# Demo back-up plan

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- If the tank isn't ready to roll on Thursday, we have a back-up plan...
  - Always have a plan B!
- If necessary, testing will be done in a 200L chemical drum, to approximate the depth and colour of the larger testing environment
  - Not great, but it will do just for this demo

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# Questions

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# Tune-in next time for...

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## Questions and Answers Vol. 2

*or*

“By the bean alone do you set your mind in motion”

Fun fact: The world’s most expensive coffee – Kopi Luwak – is made from coffee beans that have passed through the digestive tract of a civet.

Almost 90% of kopi luwak advertised for sale is fake.