Questions and Answers

Vol. 6

or

“Help, help, I’m trapped in a lecture factory!”

Paul Pounds

18 May 2015
University of Queensland
But first…

Some house keeping
# Calendar at a glance

<table>
<thead>
<tr>
<th>Week</th>
<th>Dates</th>
<th>Lecture</th>
<th>Reviews</th>
<th>Demos</th>
<th>Assessment submissions</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>2/3 – 6/3</td>
<td>Introduction</td>
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<tr>
<td>2</td>
<td>9/3 – 13/3</td>
<td>Principles of Mechatronic Systems design</td>
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<td>Program analysis</td>
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<td>3</td>
<td>16/3 – 20/3</td>
<td>Professional Engineering Topics</td>
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<td>Program peer review</td>
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<tr>
<td>4</td>
<td>23/3 – 27/3</td>
<td>Your soldering is (probably) terrible</td>
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<tr>
<td>5</td>
<td>30/3 – 3/4</td>
<td>Q&amp;A</td>
<td>Progress review 1</td>
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<td></td>
<td>Break</td>
<td>Q&amp;A</td>
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<tr>
<td>6</td>
<td>6/4 – 10/4</td>
<td>Q&amp;A</td>
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<td>7</td>
<td>13/4 – 17/4</td>
<td>Radio module selection</td>
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<tr>
<td>8</td>
<td>20/4 – 24/4</td>
<td>Aircraft flight</td>
<td>Progress seminar</td>
<td>25% demo</td>
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<tr>
<td>9</td>
<td>27/4 – 2/5</td>
<td>Q&amp;A</td>
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<tr>
<td>10</td>
<td>3/5 – 8/5</td>
<td>NO LECTURE IN WEEK 9</td>
<td>50% demo</td>
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<tr>
<td>11</td>
<td>11/5 – 15/5</td>
<td>Projective geometry</td>
<td>Progress review 2</td>
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<tr>
<td>12</td>
<td>18/5 – 22/5</td>
<td></td>
<td>75% demo</td>
<td>Preliminary report</td>
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<tr>
<td>13</td>
<td>25/5 – 29/5</td>
<td></td>
<td>Final testing</td>
<td>Final report and reflection</td>
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</tr>
<tr>
<td>13</td>
<td>1/6 – 5/6</td>
<td>Closing lecture</td>
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You’ve started writing, right?
Incremental Demo III

• The final incremental demo is this week
  – OMG – everyone wants to demo! Great! :D
  – But that means we will be keeping to schedule

• This demo is intended to be as close to the real thing as possible – no cutting corners

• This is also your last chance to qualify for the bonus task and bonus marks!
Incremental demo III

- We will be rigidly adhering to schedule
  - Don’t turn up late
  - Don’t waste your time fruitlessly

Thurs 21 – MS-207
- Group 8  16:00-16:30
- Group 2  16:30-17:00
- Group 6  17:00-17:30
- Group 5  17:30-18:00
- Group 4  18:00-18:30
- Group 7  18:30-19:00
Inertial package now available

• Available for you to use until the end of the semester (whereupon I need them back)

• They require 3.0 to 3.3V of power
  – My one has a flight battery for testing, but I’m waiting for more
  – Loaners will need you to provide your own power source (a CR 2025 should work great)
Change to the spec’

• Change to the spec’ went out last Monday
  – Minor changes only, but double check!

• There will be no more spec’ changes
  – Unless something turns out to be seriously unexpectedly broken, which I really doubt
Seminar results

- Interesting spread...
Overall class progress

• Moving to the right!

Mark%  
Number

2013  
2014  
2015 (projected)
Managing your stress levels

- Stress levels have been far below average all throughout this year – worrying!

![Graph showing stress levels over time]
Coming up soon

Preliminary report is due end of this week
Preliminary report

• Should be handed in via the assignment slot by 23:59 pm on Friday
  – Really, though, I won’t pick them up until Monday morning… no biggie.
  – Physical copies, please! We need to annotate them with comments and feedback
Preliminary report

• It’s useful to get your preliminary report comments in time to can make changes
  – We will try to get them back by Tuesday
  – But no promises

• It will take three markers about 2 hours to do all the reports – we’ll be staying back late
  – Read the comments and make it worthwhile!
Quick question

- Are people interested in having me set up an (entirely voluntary) electronic Platypus submission processes for peer comments?
  - This will let you look at each other’s work so you can get and give more feedback
  - You’d still need to hand in the official physical copy to get tutor comments
Questions
Tune-in next time for...

Questions and Answers Vol. 7

or

“On final approach.”

Fun fact: No students have died in this class, yet.