Questions and Answers
Vol. 4

"The madness will never end"

Paul Pounds

13 May 2014
University of Queensland
But first…

Some house keeping
House keeping

- Flyover is now ready in the labs for use
  - It’s not super fragile, but be gentle with it
- Gigabit switch also now in lab
  - It’s not super fragile, but be gentle with it
- 3D printer total catastrophe
  - Barriers and obstacles will be a little longer 😞
- Stay the course
  - You should all know what you’re doing by now
# 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>3/3 – 7/3</td>
<td>Introduction</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>10/3 – 15/3</td>
<td>Principles of Mechatronic Systems design</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>17/3 – 21/3</td>
<td>Professional Engineering Topics</td>
<td></td>
<td></td>
<td>Design brief</td>
</tr>
<tr>
<td>4</td>
<td>24/3 – 28/3</td>
<td>Your soldering is (probably) terrible</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>31/3 – 4/3</td>
<td>No lecture</td>
<td>Progress review 1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>7/4 – 11/4</td>
<td>Image segmentation</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>14/4 – 18/4</td>
<td>Q&amp;A</td>
<td>Progress seminar</td>
<td>25% demo</td>
<td></td>
</tr>
<tr>
<td>Break</td>
<td>21/4 – 25/4</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>28/4 – 3/5</td>
<td>Q&amp;A</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>5/5 – 9/5</td>
<td>Q&amp;A</td>
<td>Progress review</td>
<td>50% demo</td>
<td>Preliminary report</td>
</tr>
<tr>
<td>10</td>
<td>12/5 – 16/5</td>
<td>Q&amp;A</td>
<td></td>
<td></td>
<td>Final testing</td>
</tr>
<tr>
<td>11</td>
<td>19/5 – 23/5</td>
<td></td>
<td></td>
<td>75% demo</td>
<td>Preliminary report</td>
</tr>
<tr>
<td>12</td>
<td>26/5 – 30/5</td>
<td></td>
<td></td>
<td></td>
<td>Final report and addendum</td>
</tr>
<tr>
<td>13</td>
<td>2/6 – 6/6</td>
<td>Closing lecture</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
FAQ Roundup

- How many pages is the preliminary report?
  - 5 pages, plus appendices
The reports

• The final report is the major written assessment piece of the class:
  – Detail your work done to make your car works
  – Detail the analytical approach you used
  – Convince me that you followed a sane and considered approach in finding your solution

• The preliminary report is just the same
  – Only sooner!
The preliminary report

• The preliminary report allows us to give you useful FEEDBACK prior to assigning marks

• Once handed in, we will endeavour to return useful comments to you the next week
  – Use the comments to improve the final report!

• Pass/fail assessment – 20 per cent.
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
The preliminary report

• Preliminary report due in Week 11
  – That’s next week
  – That’s only TEN days away!

• The final report is due in Week 13
  – Last day of semester

OMG! Get started now!!
Questions
Tune-in next time for...

Questions and Answers Vol. 4

or

“The few, the brave – the ‘nominated representatives’.”

Fun fact: Paul’s new rotorcraft drive system is beautiful.