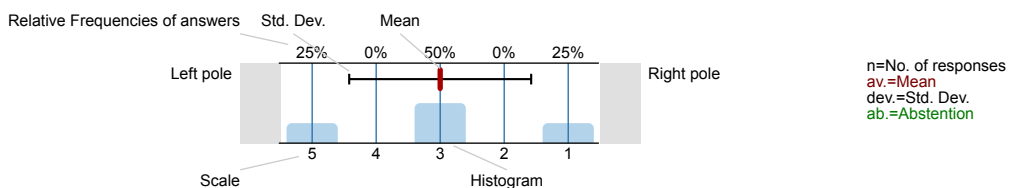# DR ANDREW COLES
Practical Experiences of Programming (5CCS2PEP 2019/0 SEM1 000001) (5CCS2PEP-2019/0-SEM1-000001)
No. of responses = 45

Survey Results

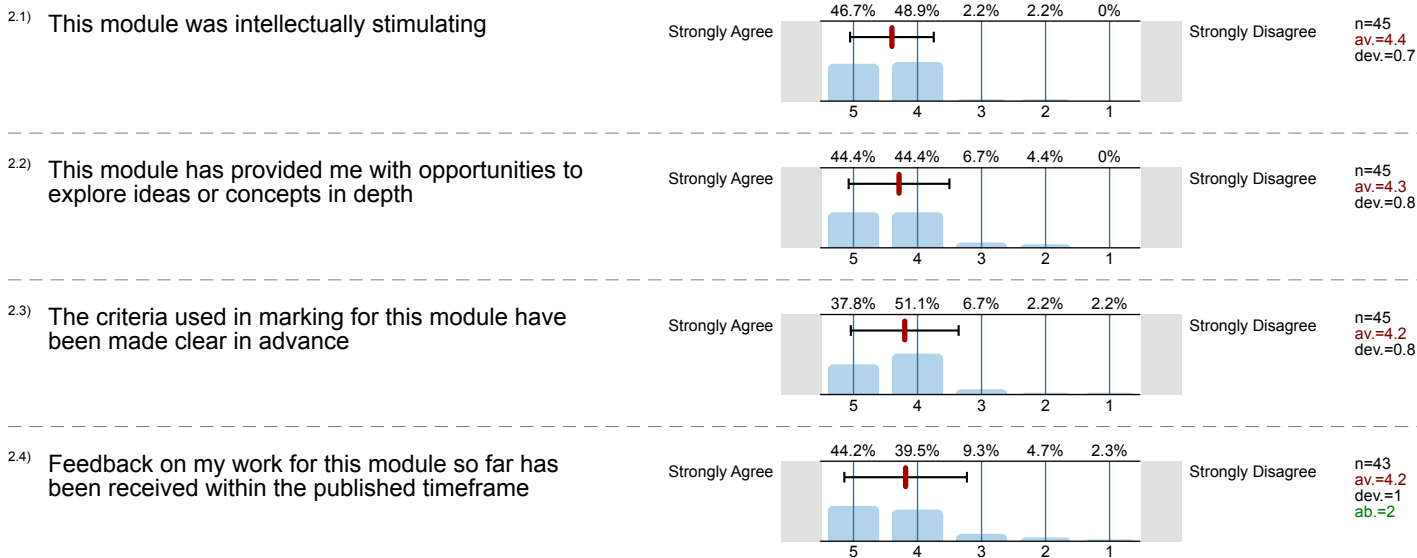## Legend

Question text

Relative Frequencies of answers — Std. Dev. — Mean

Left pole — Right pole

Scale — Histogram

n=No. of responses
av.=Mean
dev.=Std. Dev.
ab.=Abstention

1. ANDREW COLES - Lecturer Questions

1.1) The lecturer has been good at explaining the subject

Strongly Agree — 51.1% | 37.8% | 8.9% | 0% | 2.2% — Strongly Disagree
Scale: 5 4 3 2 1
n=45
av.=4.4
dev.=0.8

1.2) The lecturer has made the subject interesting

Strongly Agree — 36.4% | 45.5% | 11.4% | 4.5% | 2.3% — Strongly Disagree
Scale: 5 4 3 2 1
n=44
av.=4.1
dev.=0.9

1.3) The lecturer has been well prepared for their classes

Strongly Agree — 61.4% | 36.4% | 2.3% | 0% | 0% — Strongly Disagree
Scale: 5 4 3 2 1
n=44
av.=4.6
dev.=0.5

1.4) The pace of the lectures/seminars was

(a) too slow	8.9%
(b) about right	80%
(c) too fast	11.1%

n=45

2. Practical Experiences of Programming (CORE) - Module Questions

2.1) This module was intellectually stimulating

Strongly Agree — 46.7% | 48.9% | 2.2% | 2.2% | 0% — Strongly Disagree
Scale: 5 4 3 2 1
n=45
av.=4.4
dev.=0.7

2.2) This module has provided me with opportunities to explore ideas or concepts in depth

Strongly Agree — 44.4% | 44.4% | 6.7% | 4.4% | 0% — Strongly Disagree
Scale: 5 4 3 2 1
n=45
av.=4.3
dev.=0.8

2.3) The criteria used in marking for this module have been made clear in advance

Strongly Agree — 37.8% | 51.1% | 6.7% | 2.2% | 2.2% — Strongly Disagree
Scale: 5 4 3 2 1
n=45
av.=4.2
dev.=0.8

2.4) Feedback on my work for this module so far has been received within the published timeframe

Strongly Agree — 44.2% | 39.5% | 9.3% | 4.7% | 2.3% — Strongly Disagree
Scale: 5 4 3 2 1
n=43
av.=4.2
dev.=1
ab.=2

2.5) I have received helpful and informative feedback on my work within this module so far

Strongly Agree | 34.1% | 43.2% | 11.4% | 11.4% | 0% | Strongly Disagree

5 4 3 2 1

n=44
av.=4
dev.=1
ab.=1

2.6) This module has been well organised

Strongly Agree | 35.6% | 48.9% | 15.6% | 0% | 0% | Strongly Disagree

5 4 3 2 1

n=45
av.=4.2
dev.=0.7

2.7) Learning materials (e.g. handbooks, study guides, teaching materials and online content) for this module have effectively supported my learning

Strongly Agree | 20.9% | 58.1% | 14% | 4.7% | 2.3% | Strongly Disagree

5 4 3 2 1

n=43
av.=3.9
dev.=0.9
ab.=1

2.8) I have received good study advice and support when I have needed it

Strongly Agree | 23.1% | 41% | 23.1% | 10.3% | 2.6% | Strongly Disagree

5 4 3 2 1

n=39
av.=3.7
dev.=1
ab.=6

2.9) I have felt included in this module through having been encouraged to ask questions and participate in discussions

Strongly Agree | 47.7% | 36.4% | 13.6% | 0% | 2.3% | Strongly Disagree

5 4 3 2 1

n=44
av.=4.3
dev.=0.9
ab.=1

2.10) Staff value students' views and opinions about this module

Strongly Agree | 38.6% | 36.4% | 18.2% | 4.5% | 2.3% | Strongly Disagree

5 4 3 2 1

n=44
av.=4
dev.=1
ab.=1

2.11) This module has helped me develop knowledge and skills which will be of use to me in the future

Strongly Agree | 64.4% | 28.9% | 6.7% | 0% | 0% | Strongly Disagree

5 4 3 2 1

n=45
av.=4.6
dev.=0.6

2.12) Overall, I am satisfied with the quality of this module

Strongly Agree | 48.9% | 40% | 6.7% | 2.2% | 2.2% | Strongly Disagree

5 4 3 2 1

n=45
av.=4.3
dev.=0.9

Profile

Subunit: Informatics

Responsible for modules: DR ANDREW COLES

Name of the course: Practical Experiences of Programming (5CCS2PEP 2019/0 SEM1 000001)
(Name of the survey)

Values used in the profile line: Mean

1. ANDREW COLES - Lecturer Questions

1.1) The lecturer has been good at explaining the subject — Strongly Agree / Strongly Disagree — n=45 av.=4.4 md=5.0 dev.=0.8

1.2) The lecturer has made the subject interesting — Strongly Agree / Strongly Disagree — n=44 av.=4.1 md=4.0 dev.=0.9

1.3) The lecturer has been well prepared for their classes — Strongly Agree / Strongly Disagree — n=44 av.=4.6 md=5.0 dev.=0.5

2. Practical Experiences of Programming (CORE) - Module Questions

2.1) This module was intellectually stimulating — Strongly Agree / Strongly Disagree — n=45 av.=4.4 md=4.0 dev.=0.7

2.2) This module has provided me with opportunities to explore ideas or concepts in depth — Strongly Agree / Strongly Disagree — n=45 av.=4.3 md=4.0 dev.=0.8

2.3) The criteria used in marking for this module have been made clear in advance — Strongly Agree / Strongly Disagree — n=45 av.=4.2 md=4.0 dev.=0.8

2.4) Feedback on my work for this module so far has been received within the published timeframe — Strongly Agree / Strongly Disagree — n=43 av.=4.2 md=4.0 dev.=1.0

2.5) I have received helpful and informative feedback on my work within this module so far — Strongly Agree / Strongly Disagree — n=44 av.=4.0 md=4.0 dev.=1.0

2.6) This module has been well organised — Strongly Agree / Strongly Disagree — n=45 av.=4.2 md=4.0 dev.=0.7

2.7) Learning materials (e.g. handbooks, study guides, teaching materials and online content) for this module have effectively supported my — Strongly Agree / Strongly Disagree — n=43 av.=3.9 md=4.0 dev.=0.9

2.8) I have received good study advice and support when I have needed it — Strongly Agree / Strongly Disagree — n=39 av.=3.7 md=4.0 dev.=1.0

2.9) I have felt included in this module through having been encouraged to ask questions and participate in discussions — Strongly Agree / Strongly Disagree — n=44 av.=4.3 md=4.0 dev.=0.9

2.10) Staff value students' views and opinions about this module — Strongly Agree / Strongly Disagree — n=44 av.=4.0 md=4.0 dev.=1.0

2.11) This module has helped me develop knowledge and skills which will be of use to me in the future — Strongly Agree / Strongly Disagree — n=45 av.=4.6 md=5.0 dev.=0.6

2.12) Overall, I am satisfied with the quality of this module — Strongly Agree / Strongly Disagree — n=45 av.=4.3 md=4.0 dev.=0.9

Comments Report

- -

| 2. Practical Experiences of Programming (CORE) - Module Questions |

2.13) What has been the most positive aspect of this module for you, and if you could recommend one improvement to the Module Organiser what would it be?

- 10/10 module, would recommend.

   :)

- Andrew Coles actually does a phenomenal job teaching his side of the course. Coursework matched well with lectures and teaching was exceptional, definitely worth travelling for to see in person. I say a tad too slow as sometimes we were recapping PPA taught concepts from last year, however, Andrew does very well to keep student morale and interaction at a high. As for Scala... I feel like I'm learning it myself as Coursework Core tasks don't gel with the lectures - it is very discouraging.

- Challenging but enjoyable module. Andrews notes could be slightly clearer and more organised into topics.

- For Scala coursework, better test case and report descriptions, as well as better description of tasks (some are a bit vague). C++ would be better if it had an outline of where marks are assigned, similar to Scala's coursework (having documents with each task and its marks).

- For improvement - I think what is assessed should be more linear to the teaching of the module. That is, the coursework should be closer to the scope of what is taught. Such that the coursework and module as a whole can be more of a learning experience rather than simply trying to find a way to manage to get the work done.

- Good: He likes Pokémon
  Bad: decrease workloadl pls.

- Great module, lectures are lovely, great memory

- I didn't get accurate help from Andrew when I went in for help

- I dislike 3-hour lectures, it feels like a slog and the final hour is just a waste. I would much rather prefer 2 hours one day and then 1 hour on a different day, as was the case with PPA last year.

- I enjoyed learning new programming languages and I found Scala really interesting..

- I really liked this module because it taught us a mid level language and a different paradigm. I think that the scala lecture slides could have a bit more detail inside them. I also think that the scala coursework could benefit from using similar READMEs to the ones Dr Coles provides with his coursework.

   It would be beneficial if there were extra reading materials linked/referenced in slides regarding the stuff taught in lectures.

- I think that the most positive aspect of this module was that the assignments were very intellectually stimulating and actually very interesting, but I did feel like some of the core tasks were a bit too difficult for just learning C++ for about 5 weeks. Also, the TAs in my lab (Mon 15:00-17:00 in 7.01/2) were very helpful and explained the content very well. I would improve this module by splitting up the lecture more, because it is very hard to retain attention and learn after the second hour.

- Most positive: title is 100% on point and is very practical
  Improvement: the recorded or linked previous year's lectures are out of sync of the actual progress made in lectures. I know recording is a technical question and not the fault of the lecturer, but could be improved (and I attended the lectures).

- Motivation students to participate in lectures by throwing sweets was wonderful, also very considerate to buy vegan sweets too for everyone.
  Better if:
  - There was slightly more time to complete the core section of cpp.
  - The explanations for some of the coursework was a little misleading and hard to understand, maybe include more examples so we know what we need to do in the section.

- Overall a very pleasant module. PEP is really rich in terms of new content and helps develop useful programming skills.
  Well organised, especially with the automated feedback. Entertaining lectures, the lecturer knows how to keep our attention.
  I would suggest making the lecture shorter, three hours is intense. PEP also took a lot of individual study time (including a 2hours lab), which didn't let a lot of space for other modules.
  Many students have not even been able to finish the cw.

- The content and pace of the module was perfect for me. Challenging and rewarding. As an improvement, I would make it clearer to the students about the assumptions you can make and not make with the coursework. I.E. you can not assume the test cases wont be empty or null, you can assume the array is always going to be in order, etc.

- The intensity of the program means that skills are rapidly improved. However, the core tasks were very difficult and took up the entirety of reading week. Therefore students with other work to do fell behind. Perhaps the work load could be reduced somewhat, as even keeping up to date with cores to some extent didn't fully alleviate the situation.

- The lectures were really interesting and helpful for the coursework. I also really liked the structure of the test reports we received for the coursework.

- The workload was a bit intense. I tried to manage my time by attempting to completing a core task every week but I still struggled to get it all done.

- This module has kept me well engaged throughout. Lecture slides could be made easier to review as some slides offer little-to-no information (which is somewhat understandable for a 100% coursework module), forcing students to review lecture capture in order to understand the context in which the slides are used.

  Otherwise, a very enjoyable module!