

SCC141

Seminar 7 (weeks 15 and 16)

Who we are – seminar leaders



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Today's seminar

- **Topic: Computing futures**
- Section 2: What are the key social, ethical and/or legal challenges that are likely to emerge over the next decade? How do you suggest these challenges be resolved (by whom, by what means)? OR What will this mean for the future opportunities and/or practices of computing professionals? (~400 words)
- Guidance notes: You must reflect on at least two different emerging technologies. Draw on the exercise from seminar 7.

Today's seminar's activities

1. Mapping future challenges and opportunities – 20 minutes
2. Considering future responses – 20 minutes
3. Sharing with the class – 8 minutes

To complete these activities, you will need to draw on material from multiple lectures across the course, as well as your own independent thought and research. Seminar 6 on 'computing in the News' may also be helpful.

In preparation...

- One group member needs to set up a Whiteboard (<https://whiteboard.office.com/>) or Miro Board (<https://miro.com/>) and share with the rest of the group
- Use a brainstorming template to focus and summarize your discussion (and save for later reference)

1. Mapping future challenges and opportunities

- As a group, choose an emerging technology to focus your discussion on (**this could be VR, AI, robotics, etc.**)
- Consider the **potential future developments of this technology**: what would a desirable future look like? What would an undesirable future look like?
- From these different visions of the future, identify your **top 3 challenges and top 3 opportunities**

2. Considering future responses

- Focus on the top 3 challenges you identified in exercise 1
- What responses are required? Think about the potential responses of a range of stakeholders: big tech, government, legal system, end-users, computing professionals, etc.
- How would you rank the importance of these stakeholder responses? i.e. who holds the most responsibility?

3. Sharing with the class

Each group will have 2 minutes to report:

- What did your group discuss?
- What did you learn from your discussion?
- What was challenging or difficult about this exercise?