

## Module 1 Tutorial Questions (Due 11:59pm Sunday the 5<sup>th</sup> of January 2025)

### Ethics and Professional Code of Conduct

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#### Instructions:

- You **must** answer all questions.
- The presentation of your document is to be of a professional nature. This means formatting and styling is present, question numbers and their answers are clearly present. If an answer is not clearly labelled with the question number it corresponds to, zero (0) marks will be given for that answer.
- This assessment involves academic writing. This means all work must be in your own words, and any ideas or knowledge you have used must be properly referenced using the APA style of referencing. A reference list is to be included at the end of the document listing only those references cited within your text – it is highly recommended to use a referencing tool. For more information please refer to *Lecture 1 and 2: Intro and How to Succeed in this Unit* in the week 1 link on vUWS.
- All chapters referenced relate to the text **Ethics in ICT: An Australian Perspective**
- **Although all questions must be attempted, only 3 will be assessed.** The 3 questions marked will not be identified until marks are released.
- Generative AI (e.g. ChatGPT) is NOT allowed for this assessment. All answers must be written in your own words.

#### Note:

Academic writing entails demonstrating your comprehension and understanding. For this assessment, the knowledge area is Module 1: Ethics and Professional Code of Conduct.

Although some questions may appear to require an opinion-oriented answer, you are to take the persona of a professional and answer accordingly.

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#### Question 1

*Read chapter 2 – The Study of Ethics*

Is professional ethics different to personal ethics? Explain your answer and provide examples to demonstrate your understanding.

#### Question 2

*Read chapter 2 – The Study of Ethics*

*A computer technician working at a repair centre finds child pornography on a computer he is repairing. He knows possession of child pornography is illegal, and that he should contact authorities, however he also knows that he should not have been looking at the contents of the client's hard drive for personal interest. He thinks about how his snooping could cost him his job if his employer finds out. Because of this, he doesn't report the discovery to the police, instead, he deletes all the files he found containing child pornography and continues to repair the computer.*

In relation to this scenario answer these questions (see next page):

- a) Do you agree with the computer technician's actions?
- b) What did he do right?
- c) What did he do wrong?
- d) If you were in the same position, what would you do?

**Question 3**

*Read chapter 6 – Computer Crime*

- a) Explain what social engineering is in relation to computer crime
- b) Explain the purpose and function of honeypots.

**Question 4**

*Read chapter 11 – Professional Ethics and Responsibilities*

Pick two professional relationships that exist for an ICT Professional. For each of these relationships describe the type of relationship and give examples of possible hurdles or dilemmas that relationship may experience.

**Question 5**

*Read chapter 4 – Privacy*

Are Australians protected in terms of privacy? This is a question continuously asked after the data breaches seen in Australia over the past 24 months. Explain in detail what protections and structures exist in Australia to protect the privacy of Australians and is there a need for reform.

**Question 6**

*Read chapter 8 – Computer Law, Ethics and Intellectual Property*

- a) What is IP?
- b) Using real world examples explain in detail the difference between Copyright and Patent.

**Question 7**

*Read chapter 12 – Communication Skills*

Explain what is meant by the term *jargon* and the advantages and disadvantages of jargon in ICT. Use examples to help support and explain your answer.

*Questions 8 and 9 are on the next page.*

**Question 8**

*Read chapter 10 – Computers and Society*

Explain and give at least 2 examples of what can be done to aid computer and Internet usage for those people with disabilities.

**Question 9**

*Appendix A – Australian Computer Society Code of Ethics*

Within the ACS Code of Ethics is *Professional Development*. Explain why this code exists and its importance to the industry.