CITS5206 Professional Computing
Professional Skills Take Home Test
Due Thu 28 September 2023 by 8pm in cssubmit
Marking Feedback for Students

Read this guide before you start the test.

1. The **four questions** in this take home test assess material from the Professional Practice lectures and workshops for the unit CITS5206: `teaching.csse.uwa.edu.au/units/CITS5206/cits5206workshops2023.html`

2. The test will be published on LMS (Take Home Test menu) on Friday 15 Sept (LMS). Due Thursday 28 Sep by 8pm (week 9) in cssubmit.

3. I expect it will take you 2 to 3 hours to answer the 4 questions. Each answer should be from half to one page in length (around 300 words).

4. The test must be completed individually without consulting with others. You may use books, lecture notes and the web when preparing your answers, but your submitted answers must be your own work and be written in your own words.

5. You may not use any AI tools such as chatGTP or other online tutors to write or review your answers. Do not cut and paste text from lecture slides, books or web pages.

6. Submit your test answers as a **single pdf file** with each answer starting on a separate page.

7. Completed answers should be submitted via **cssubmit** using the *Take home test link* on the CITS5206 submission site: `https://secure.csse.uwa.edu.au/run/cssubmit`

8. This is a test assessment. **No late submissions will be accepted.** You have a a long time in which to complete the test. Do not leave it to the last minute.

9. The test contributes 20% towards your final mark for CITS5206. The test will be marked out of 20, with each question worth 5 marks.

10. The marking scheme that will be used to assess your test answers is provided in the following.

CITS5206 Take Home Test Marking Scheme[1]

This assessment aims to assess items (1) through (4) of the unit outcomes: (1) apply knowledge and skills of information technology in project situations; (2) critically analyse requirements and resources for IT projects; (3) justify the professional responsibility to produce reliable software and systems; (4) assess the social impacts of IT projects;

You will be given short questions or a scenario to analyse and asked to demonstrate that you can: Identify relevant topics we have covered which apply in this case and how they apply; Come up with a clear and concise recommendation or answer; and Justify that recommendation (logically, or via evidence covered in lectures etc.) Marks for each question will be awarded (out of 5) using the following expectations for what students are able to demonstrate in their answers:

Skilled (4-5) (UWA grade Distinction, High Distinction)   All (or nearly all) relevant facts/topics in the given scenario are identified, with at most minor omissions/errors. Clearly identifies relevant technique(s) to address the problem. Clearly articulates a solution/resolution for the given scenario. Justifies the approach taken giving clear reasons for proposed solution. The audience is able to identify the focus of the work and is engaged by its clear focus and relevant details. Information is presented in a concise and logical manner. There is minimal interruption to the work from misspellings and/or mechanical errors.

Sufficient (2-3) (UWA grade Pass, Credit)   Some relevant facts and topics identified but some major omissions or one-sided arguments. Lacks clarity or relevance in the choice of techniques for addressing the given scenario. Some attempt justification of the chosen approach but major omissions or errors eg fails to justify major points or identify key assumptions. Some misspellings and/or mechanical errors that negatively affect the audience's ability to read the work.

Developing (0-1) (UWA grade Fail)   Little or no evidence of ability to identify relevant facts/topics. Poor choice of techniques for addressing the given scenario. Little or no evidence of ability to justify answers. Information is presented in a disorganized fashion causing the audience to have difficulty following the author's ideas. There are many misspellings and/or mechanical errors that negatively affect the audience's ability to read the work.

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[1]Source credits: CITS4401 scenario marking guide (Arran Stewart) and `resources.depaul.edu/teaching-commons/teaching-guides/feedback-grading/rubrics`