

University of London
Computing and Information Systems/Creative Computing
CO3353 Software engineering project management
Coursework assignments 1 & 2 2018–19

Please submit **one** pdf document for coursework assignment 1 (deadline 15 February) and **one** pdf document for coursework assignment 2 (deadline 8 April) named using the following convention:

YourName_SRN_COxxxxcw#.pdf
(e.g. MarkZuckerberg_920000000_CO3353cw1.pdf)

- **YourName** is your full name as it appears on your student record (check your student portal)
- **SRN** is your Student Reference Number, for example 920000000
- **COXXXX** is the course number, for example CO3353, and
- **cw#** is either cw1 (coursework 1) or cw2 (coursework 2).

Important reminder:

It is important that your submitted assignment is your own individual work and, for the most part, written in your own words. You must provide appropriate in-text citation for both paraphrase and quotation, with a detailed reference section at the end of your assignment (this should not be included in the word count). Copying, plagiarism and unaccredited and wholesale reproduction of material from books, online sources, *etc.* is unacceptable, and will be penalised (see: [How to avoid plagiarism](#)). You may also look at the end of any journal or conference paper to get an idea of how to cite your reference material appropriately.

Coursework assignment 1

The CO3353 subject guide prepares you with the essential knowledge and skills you need to be a successful, professional software engineering project manager. This coursework assignment aims to consolidate your understanding of the wide variety of topic areas that are covered in the course, and tests your ability to see the 'bigger' picture of what is required for successful project management.

Your assignment should not exceed 3000 words in total.

1. A major component of requirements engineering is to interview the end users of the proposed system. The interviewing process is not always straightforward, and the potential exists for many difficulties and problems to arise during this process.

Your task is to identify three problems that might arise from the interviewing process, discuss what the cause of the problem is and suggest what action might be taken to prevent such problems from occurring.

[30 marks]

2. The need for interviews to be conducted as a physical face-to-face process is no longer always necessary as a result of advancements in technology. Discuss what you perceive as the advantages and disadvantages of conducting requirements gathering interviews online *versus* face-to-face interviews.

[30 marks]

3. Among the most important qualities of a project manager is the ability to deal well with people and teams. However, there are risks that during the lifetime of a project some form of conflict will occur between various stakeholders.

Conduct research and identify and discuss five basic modes of conflict resolution that a software engineering manager might use to resolve these conflicts.

[25 marks]

4. Discuss the extent to which you view conflict between stakeholders on a project as a negative state of affairs.

[15 marks]

[Total: 100 marks]

[END OF COURSEWORK ASSIGNMENT 1]

Coursework assignment 2

Coursework assignment 1 aimed to consolidate your understanding of the wide variety of topic areas that are covered in the course, and test your ability to see the 'bigger' picture of what is required for successful project management. Coursework assignment 2 gives you the opportunity to apply what you have learnt in a real world situation and provide examples to demonstrate the relevance of what you have learnt in this module.

Your assignment should not exceed 3000 words in total.

1. It is generally agreed that strategic level plans differ from project level plans. Identify a project you have worked on, either in your place of work or during your studies, and discuss the issues that you could have included in your strategic plan and those that you could have included in your project plan.

[25 marks]

2. Briefly identify ways in which Information Systems or technology might assist you in achieving the plans you discussed in your answer to Question 1.

[25 marks]

3. Software engineering projects are frequently considered as 'high risk'. Discuss the characteristics of information system projects that are associated with minimal risks.

[25 marks]

4. Explain the advantages and limitations of qualitative and quantitative methods for measuring quality in software engineering projects. Illustrate your answer with examples of each.

[25 marks]

[Total: 100 marks]

[END OF COURSEWORK ASSIGNMENT 2]