

University of London International Programmes
Computing and Information Systems/Creative Computing
CO3353 Software engineering project management
Coursework assignments 1 & 2 2017–18

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 task is to prepare a summary of no more than one page on each of the following (three pages in all):

Question 1

This course prepares you for the role of project manager rather than that of project administrator. Undertake research and provide a comparison of these two roles.

[20 marks]

Question 2

There are a number of process models used by the software engineer. Identify **three** of these process models and discuss how you would decide which is the most appropriate to choose for a project.

[40 marks]

Question 3

The organisation that you work for is interested in quantifying its software quality attributes. Write a report for them identifying appropriate metrics for assessment and suggest how these can be collected.

[40 marks]

[END OF COURSEWORK ASSIGNMENT 1]**Coursework assignment 2**

This coursework assignment requires you to focus on a very important and specific area of software project management, namely managing people. The people who work in any organisation are its greatest assets and consume a vast amount of the available resource. It is therefore very important that a project manager develops the skills to be able to manage people appropriately.

Your task is to prepare a summary of no more than one page on each of the following (three pages in all):

Question 1

Write a short report in which you identify and discuss the ways in which you, as a manager, might motivate individuals working on a software engineering project.

[40 marks]

Question 2

Discuss whether there are circumstances where it might be appropriate to base individual payment on team performance.

[20 marks]

Question 3

Introducing a new information system into an organisation will frequently result in process change. Such changes might be met with resistance by the people working in the organisation. Discuss some of the reasons why such resistance may occur and as a project manager, how you might address this resistance.

[40 marks]

[END OF COURSEWORK ASSIGNMENT 2]