

**University of London International Programmes**  
**CO3353 Software engineering project management**  
**Coursework assignments 2016–2017**

## **Overview**

Your coursework assignments are designed to enable you to apply some of the knowledge you have gained from this course and to allow you to extend your learning through two practical exercises. The coursework assignments focus on the ways in which software engineering projects are managed. The basic concepts are introduced in the **CO3353 Software engineering project management** subject guide but, for these coursework assignments, you will need to do some more detailed reading.

In Coursework assignment 1, you will develop and demonstrate an understanding of the skills, knowledge and requirements for a software engineering project manager.

In Coursework assignment 2, you are required to bring together your knowledge of risk management into a draft Risk Management Plan.

Note that for all work the guidelines on page 5 of the **CO3353** subject guide should be followed, and you should take careful note of the requirements below.

- The structure, clarity and organisation of your work will be assessed. Your submission must be well-presented in a coherent and logical fashion. It should be fully spell- and grammar-checked, and you should make appropriate use of relevant diagrams, drawings, illustrations or images where suitable. Very short submissions are unacceptable, and blank, incomplete or corrupted submissions will not be marked.
- The submitted coursework assignment must be your own individual work and not a copy of another person's or author's work. Copying, plagiarism and unaccredited and wholesale reproduction of material from textbooks or from any online source is totally unacceptable; all submitted coursework is scanned by a plagiarism checker. Any such copying will be extremely heavily penalised.
- You do not need to restate the question asked, provide a table of contents or an index.
- You should expect that your work will be read on a screen: assume a screen resolution of 1024 \* 768, use a legible font designed for reading from a screen, do not overuse colours, capitals, italics, underlines, etc., and ensure that images are of a suitable size and resolution.
- All books cited, reports referred to and any material used (including all online resources) must be referenced. Any text that is not your own words and that is taken from any source must be placed in quotation marks and the source identified correctly in the References section.
- References should be listed in a Bibliography in a recognised standard format (i.e. Author surname(s), Year of publication, Title, Publisher, actual page numbers referenced or, for URLs, full URL and date of your last access).
- Be very careful about the validity of information on internet sites and web sources. Be aware that many information sites are really commercial advertising, or they simply

repeat material copied from elsewhere. Check the date of all material, and do not use out-of-date sites, websites that list student work or projects, or those that are simply personal opinions, blogs or comments. Be careful, critical and very selective in your choice of material.

- Follow instructions specified for electronic submission and make sure that what is submitted is clearly identified as your work: ensure that you include your full name, student number, course code and assignment number.
  - e.g. FamilyName\_SRN\_COxxxxcw#.pdf (e.g. Zuckerberg\_920000000\_CO3353cw2.pdf)
  - **FamilyName** is your family name (also known as last name or surname) as it appears in your student record (check your student portal)
  - **SRN** is your Student Reference Number, for example 920000000
  - **COXXXX** is the course number, for example CO1108, and
  - **cw#** is either cw1 (coursework 1) or cw2 (coursework 2).

## Coursework assignment 1

The **CO3353** subject guide prepares you with the essential knowledge and skills that you need to master in order to be a successful software engineering project manager. This coursework assignment aims to consolidate your understanding of the wide variety of topic areas that are described in the module and test your ability to see the 'bigger' picture of what is required to be a software project engineering manager.

Your task, therefore is to provide no more than 1,500 words in which you:

- Describe what is meant by project management. [5 marks]
  - Describe how software engineering project management differs from other types of project management. [10 marks]
  - Describe the role and skills required of a software engineering project manager. [45 marks]
  - Provide an example of a real project (either from your own work situation or from secondary sources). Describe this project in terms of its scope, time and cost goals, and discuss whether it was successful or not. [40 marks]
- [Total 100 marks]

**[END OF COURSEWORK ASSIGNMENT 1]**

## **Coursework assignment 2**

This assignment requires you to focus on a very important and specific area of software project management; namely, managing risks. Research suggests that project outcomes are improved where there is an active risk management plan in place.

Your task is to prepare a 1 page summary (and no more) on each of the following (1 page on each; 3 pages in total):

- Discuss the major topics that need to be addressed in a risk management plan.

[60 marks]

- Risk analysis may be structured into phases. Discuss these phases and consider the different types of risks that occur at each stage.

[20 marks]

- Identify two techniques for identifying risk and discuss some of the advantages and disadvantages of each approach.

[20 marks]

[Total 100 marks]

**[END OF COURSEWORK ASSIGNMENT 2]**