1. **Title of the module**

COMP4070 (CO407) An Investigation of Organisations and their Information Systems Requirements

1. **School or partner institution which will be responsible for management of the module**

School of Computing/Mid Kent College

1. **The level of the module (Level 4, Level 5, Level 6 or Level 7)**

Level 4

1. **The number of credits and the ECTS value which the module represents**

30 credits (15 ECTS)

1. **Which term(s) the module is to be taught in (or other teaching pattern)**

Autumn and Spring and Summer

1. **Prerequisite and co-requisite modules**

COMP4020 (CO402) Information Systems and Tools (co-requisite)

COMP4040 (CO404) System Analysis and Design (co-requisite)

1. **The programmes of study to which the module contributes**

HND in IT

1. **The intended subject specific learning outcomes.  
   On successfully completing the module students will be able to:**
2. Apply underlying IT concepts and principles outside the context in which they were first studied, including, where appropriate, the application of these principles in an employment situation.
3. Demonstrate a knowledge of the main methods of enquiry and an ability to evaluate critically the appropriateness of different approaches to solving problems in the IT field.
4. Show an understanding of the limits of their IT knowledge and how this influences analyses and interpretations based on that knowledge.
5. Structure data and information.
6. Demonstrate an understanding of basic computer communication, network concepts, communication between computers and people and the control and operation of computers.
7. Effectively communicate information, arguments and analysis, in a variety of forms, to specialist and non-specialist audiences and deploy key IT techniques appropriately.
8. Evaluate systems in terms of general quality attributes and possible trade-offs presented within the given problem.
9. Apply the principles of effective information management, information organisation, and information retrieval skills to information of various kinds
10. **The intended generic learning outcomes.  
    On successfully completing the module students will be able to:**
11. Analyse the extent to which a computer-based system meets the criteria defined for its current use and future development.
12. Deploy appropriate theory, practices and tools for the evaluation of computer-based systems.
13. Undertake further training, develop existing skills and acquire new competences that will enable them to assume significant responsibility within organisations.
14. Demonstrate effective information-retrieval skills including the use of browsers, search engines and general IT facilities.
15. Manage their own learning and development including time management and organisational skills.
16. **A synopsis of the curriculum**

This module provides the opportunity for the investigation of a real organisation.

The student examines organisations generally, their purpose, structure, key attributes and players, communications and the information and data that a typical business or organisation might use.

The student decides upon an organisation to study. The student will submit a report that describes the aims, core business, structure and information systems used within the chosen organisation. The student will create, using the software development lifecycle, an application which the student, in conjunction with the module convener, deems demonstrably useful to the organisation in question.

1. **Reading list (Indicative list, current at time of publication. Reading lists will be published annually)**

Business Studies; 4th edition; 2008; Hall, Jones, Raffo and Anderton; Pearson

Business Information Systems; 5th edition; 2014; Bocij, Greasley and Hickie; Pearson

Managing Agile: Strategy, Implementation, Organisation and People; 2015; Moran A; Springer

An Introduction to Information Systems; 2013; Whiteley D; Wiley;

Developing Information Systems; 2014; Cox J and Ahmed T; BSC Learning and Development

Excel 2013 for Dummies; 2013; Harvey G; John Wiley & Sons

Access 2013 Step by Step; Lamber J and Cox J; Microsoft Press

1. **Learning and teaching methods**

Total contact hours: 100

Private study hours: 200

Total study hours: 300

1. **Assessment methods**
   1. Main assessment methods

Written report (8,000 words) - 50%

Application and supporting written report (4,000 words) - 50%

13.2 Reassessment methods

Like for like

1. ***Map of module learning outcomes (sections 8 & 9) to learning and teaching methods (section12) and methods of assessment (section 13)***

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Module learning outcome** | *8.1* | *8.2* | *8.3* | *8.4* | *8.5* | *8.6* | *8.7* | *8.8* | *9.1* | *9.2* | *9.3* | *9.4* | *9.5* |
| **Learning/ teaching method** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Private Study** | √ |  | √ | √ |  | √ | √ |  | √ | √ | √ |  | √ |
| *Lecture* | √ | √ | √ |  | √ | √ | √ | √ | √ | √ |  | √ |  |
| *Laboratory* | √ |  | √ | √ | √ | √ |  | √ |  | √ | √ | √ | √ |
| *Tutorial* |  | √ | √ |  | √ | √ | √ | √ | √ |  | √ | √ | √ |
| **Assessment method** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| *Written Assignments* | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ |

1. **Inclusive module design**

The Partner Institution recognises and has embedded the expectations of current equality legislation, by ensuring that the module is as accessible as possible by design. Additional alternative arrangements for students with Inclusive Learning Plans (ILPs)/declared disabilities will be made on an individual basis, in consultation with the relevant policies and support services.

The inclusive practices in the guidance (see Annex B Appendix A) have been considered in order to support all students in the following areas:

a) Accessible resources and curriculum

b) Learning, teaching and assessment methods

1. **Campus(es) or centre(s) where module will be delivered**

Mid Kent College (Maidstone)

1. **Internationalisation**

The topics addressed by this module relate to a field which is of international importance, given the global role of computers in today's technological innovation. The analysis methods covered by this module are international in nature, being identical worldwide and independent of traditional spoken language.

1. **Partner College/Validated Institution**

Mid Kent College

1. **University School responsible for the programme**

School of Computing

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**Revision record – all revisions must be recorded in the grid and full details of the change retained in the appropriate committee records.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Date approved | Major/minor revision | Start date of the delivery of revised version | Section revised | Impacts PLOs (Q6&7 cover sheet) |
| 24/05/17 | Major | September 2017 | 6, 10-13 | No |
|  |  |  |  |  |

Revised FSO Feb 2018