

# MODULE SPECIFICATION

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## SECTION 1: MODULE SPECIFICATIONS

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1. The title of the module  
CO334 - People and Computing
2. The Department which will be responsible for management of the module  
Computing Laboratory
3. The Start Date of the Module  
September 2009
4. The cohort of students (onwards) to which the module will be applicable.  
2009/2010
5. The number of students expected to take the module  
50
6. Modules to be withdrawn on the introduction of this proposed module and consultation with other relevant Departments and Faculties regarding the withdrawal  
None
7. The level of the module (eg Certificate [C], Intermediate [I], Honours [H] or Postgraduate [M])  
C
8. The number of credits which the module represents  
15
9. Which term(s) the module is to be taught in (or other teaching pattern)  
Autumn
10. Prerequisite and co-requisite modules  
None
11. The programmes of study to which the module contributes  
BSc (Hons) Information Technology  
BSc (Hons) Information Technology (Consultancy)  
BSc (Hons) Information Technology (Web Applications)  
BSc (Hons) Information Technology (Software Engineering)  
BSc Business Information Technology  
plus Year-in-Industry variants
12. The intended subject specific learning outcomes and, as appropriate, their relationship to programme learning outcomes  
On successful completion of this module, the students should:
  - (a) Be able to demonstrate familiarity with history of computing [A1. A2. A3]
  - (b) Be able to apply basic design principles of design
  - (c) Be able to apply basic principles of HCI [A3]
  - (d) Be able to describe the basic processes of software development [A2]
  - (e) Be able to describe various ways in which ICT firms operate [A10,A11]

13. The intended generic learning outcomes and, as appropriate, their relationship to programme learning outcomes

On successful completion of this module, the students should be able to:

- (f) Work effectively as a member of a team [D1]
- (g) Write simple technical reports [C11]
- (h) Demonstrate a range of study skills [B2, B9, C11, D3, D5, D6]
- (i) Make succinct presentations to a range of audience [B2, D2];
- (j) Make effective use of IT facilities [D3];
- (k) Manage their own learning and time. [D5].
- (l) Carry out a Personal Development Plan [D6]

14. A synopsis of the curriculum

- Design and communication
- What makes for good written communication
- How people get and process information
- How people and computers interact
- Personal Development Project
- Effective spoken communication?
- How to work successfully in a group
- Doing academic research
- About preparing and giving a presentation
- History of computing and the history of communication
- The effects of technology
- Health and safety issues with computing
- The Business of Computing –
- Employment in IT
- Software development and Software engineering
- Preparing for examinations
- Designing –for the web: Web usability and Web accessibility

15. Indicative Reading List

Course notes, seminar records, copies of the lecture-slides and additional material, will be available in hard copy and on module web page.

Supplementary readings:

- Williams, Robin. Design for Non-designers
- Don't Make Me Think!: A Common Sense Approach to Web Usability by Steve Krug 2nd Edition New Riders. 2005.
- Skills for Success: The Personal Development Planning Handbook (Palgrave Study Guides) by Stella Cottrell
- The Elements of Technical Writing by Gary Blake (Author), Robert W. Bly (Author) Longman 2002
- Clear and to the Point: 8 Psychological Principles for Compelling PowerPoint Presentations by Stephen Michael Kosslyn Oxford University Press 2007
- Levin, Peter. Successful Teamwork! Open University Press 2005.

- Brief New Century Handbook, by Christine A. Hult and Thomas N. Huckin (2008)

16. Learning and Teaching Methods, including the nature and number of contact hours and the total study hours which will be expected of students, and how these relate to achievement of the intended learning outcomes

All learning outcomes will be achieved through a combination of lectures, seminars, practical classes, coursework assessments and private study, supported by lecturers, class supervisors, reading guides and web-based material.

- Contact hours: 33 hours (22 lectures and 11 seminars)
- Total number of study hours: 150

17. Assessment methods and how these relate to testing achievement of the intended learning outcomes

- Coursework (100%) – to assess learning outcomes: Indicative assessments
  - A1 Group Presentation about computing figures (30%) [12(a, b) 13(f,g,i, h, k, l)]
  - A2 Case Study (30%) [12(b, d, e) 13(g, h, j, k)]
  - A3 Personal Development Planning (10%).[13(l).]
  - A4 In-class test (20%) [12(a)-(e);]
  - A5 Participation and preparation for seminars, participation on web forum (10%) [13(h, j, k)]

18. Implications for learning resources, including staff, library, IT and space

This module will require staff to deliver the module, through teaching, supervision and marking.

The library should have copies of the additional reading material.

This module also requires the use of appropriate software, available on the central teaching server.

Support from UELT's programme Advantage Initiative

19. A statement confirming that, as far as can be reasonably anticipated, the curriculum, learning and teaching methods and forms of assessment do not present any non-justifiable disadvantage to students with disabilities

The department recognises and has embedded the expectations of SENDA, and supports students with a declared disability or special (educational) need in its teaching, through the establishment of Inclusive Learning Plans agreed between student, department and the Disability Support Unit. We will liaise with the Disability Support Unit in order to provide specialist support where needed.

Where a particular disability adversely affects a student's ability to attain one of the module learning outcomes, the corresponding programme learning outcome will be adversely affected to the same degree.

**Statement by the Director of Learning and Teaching:** "I confirm I have been consulted on the above module proposal and have given advice on the correct procedures and required content of module proposals"

.....  
Director of Learning and Teaching

.....  
Date

.....  
Print Name

**Statement by the Head of Department:** "I confirm that the Department has approved the introduction of the module and, where the module is proposed by Departmental staff, will be responsible for its resourcing"

.....  
Head of Department

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Date

.....  
Print Name

