

UNIVERSITY OF KENT AT CANTERBURY
MODULE SPECIFICATION TEMPLATE

- 1 **The title of the module:** CO790 Industrial Placement
- 2 **The Department which will be responsible for management of the module:**
Computing Laboratory
- 3 **Start Date** This is an existing module
- 4 **Number of Students** 50+
- 5 **Modules to be withdrawn** None
- 6 **The level of the module:** I
- 7 **The number of credits which the module represents:** 120
- 8 **Which term(s) the module is to be taught in (or other teaching pattern):** Full year.
- 9 **Prerequisite and co-requisite modules:** None
- 10 **The programmes of study to which the module contributes:**
Compulsory for:
BSc Computer Science with a Year in Industry
BSc Computer Science and Management Science with a Year in Industry
BSc Computer Science with Artificial Intelligence with a Year in Industry
BSc Business Computing with a Year in Industry
Web Computing with a Year in Industry
BSc Computing and Business Administration with a Year in Industry
BSc Business Information Technology with a Year in Industry
BSc Information Technology with a Year in Industry
- 11 **The intended subject specific learning outcomes and, as appropriate, their relationship to programme learning outcomes**
- a) During their placement, students will learn to apply the knowledge, understanding and skills they have developed during the earlier stages of their programme to “real world” tasks in an industrial or commercial setting (programme learning outcomes **A13**, **B8** and **C13**).
- 12 **The intended generic learning outcomes and, as appropriate, their relationship to programme learning outcomes**
- On completion of this module students will be able to:
- b) Work effectively as a member of a professional team. (**D1**)
- c) Make succinct presentations to a range of audiences about technical problems and their solutions (**D2**).
- d) Make effective use of general IT facilities; information retrieval skills (**D3**)
- e) Depending on the requirements of the placement, understand and explain the quantitative dimensions of a problem (**D4**)
- f) Manage their own learning and development, including time management and organisational skills (**D5**)
- g) Appreciate the need for, and have engaged in, continuing professional development (**D6**)
- 13 **A synopsis of the curriculum**
- Students spend a year (minimum 30 weeks) working in an industrial or commercial setting, applying and enhancing the skills and techniques they have developed and studied in the earlier

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stages of their degree programme. The work they do is entirely under the direction of their industrial supervisor, but support is provided via a dedicated Placement Support Officer within the department. This support includes ensuring that the work they are being expected to do is such that they can meet the learning outcomes of the module.

Note that participation in this module is dependent on students obtaining an appropriate placement, for which guidance is provided through the department in the year leading up to the placement. Students who do not obtain a placement will be required to transfer to the appropriate programme without a Year in Industry.

14 **Indicative Reading List**

None

15 **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**

Students' learning is expected to be directed by their industrial supervisor, depending on the requirements of the role they take in the organisation. The Placement Coordinator makes at least two visits to the student during the year. The first near the start of the placement to check that integration into the workplace is proceeding, and that the work being required of the student is appropriate, the second at a later stage to assist both the student and the organisation with the requirements of the assessment process.

16 **Assessment methods and how these relate to testing achievement of the intended learning outcomes**

Assessment of the placement has two components:

- Assessment by the industrial supervisor (50%), covering the student's management capability and decision-making skills (module learning outcome *(f)*), the resourcefulness and creativity they have evidenced (*a*), their functional/technical skills and knowledge (*a, d, e*), written and oral communication skills (*c*), ability to work in a team (*b*) and general reliability (*f*). This assessment is guided by the Placement Coordinator, and moderated internally by the department.
- Assessment of a reflective written report (*c*) produced by the student (50%). This report is required to include:
 - § A description of the organisation in which the placement took place, and the student's role(s) within it (*b*).
 - § A description of the various tasks undertaken during the placement (*a*).
 - § The training, both formal (courses) and informal (on the job), undertaken by the student in the period plus any other learning experiences (*f, g*).
 - § Any changes to the supervision or nature of the placement.
 - § A discussion about the outcomes of the work, or other influential impacts on the placement (*a, b, g*).
 - § Reflection on significant achievements and personal developments through the year (*f*).

17 **Implications for learning resources, including staff, IT and space**

A placements officer is employed to coordinate the placements programme.

