## KentVision Code and title of the module

MAST7801 (MA976) - Industrial Placement Report

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

CEMS School of Mathematics, Statistics and Actuarial Science

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

Level 7

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

15 credits (7.5 ECTS)

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

In stage 2 consistent with the timing of the Placement taken.

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

Co-requisite: MAST7805: Industrial Placement Experience

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

Master’s Industrial Placement courses owned by the School of Mathematics, Statistics and Actuarial Science.

1. **The intended subject specific learning outcomes.  
   On successfully completing the module students will be able to:**

8.1 Enhance subject-specific skills developed earlier within the course.

8.2 Utilise course-specific skills and techniques within an industrial or similar context.

8.3 Demonstrate an in-depth understanding of the challenges involved with working on real-world problems.

1. **The intended generic learning outcomes.  
   On successfully completing the module students will be able to:**

9.1 Plan, work and study independently and to use relevant resources in a manner that reflects good practice.

9.2 Make effective use of general IT facilities including information retrieval skills.

9.3 Manage their own learning and development, including time management and organisational skills.

9.4 Appreciate the importance of continued professional development as part of lifelong learning.

9.5 Communicate technical issues clearly to specialist and non-specialist audiences.

9.6 Present ideas, arguments and results in the form of a well-structured written report and in a presentation that demonstrates a comprehensive understanding of techniques applicable to the placement.

9.7 Act autonomously in planning and implementing tasks at a professional or equivalent level.

9.8 Demonstrate at a high level the application of knowledge and skills gained through academic study in a working environment.

1. **A synopsis of the curriculum**

Students spend a period (36-44 weeks) doing paid work in an organisation outside the University, in an industrial, commercial, public sector, or similar setting, applying and enhancing the skills and techniques they have developed and studied earlier during their degree course.

The Assessments required for this module should provide evidence of the subject specific and generic learning outcomes, and of reflection by the student on them as an independent learner.

The placement work they do is entirely under the direction of their industrial supervisor, but support is provided by theEmployability and Placements Team or a member of the academic team. This support includes ensuring that the work they are being expected to do is such that they can meet the learning outcomes of this module.

Participation in the placement year, and hence in this module, is dependent on students obtaining an appropriate placement, for which support and guidance is provided by the Employability and Placements Team. It is also dependent on satisfactory achievement in their academic studies.

Students who do not obtain a placement will be required to transfer to the appropriate course without an Industrial Placement.

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

None

1. The University is committed to ensuring that core reading materials are in accessible electronic format in line with the Kent Inclusive Practices.
2. The most up to date reading list for each module can be found on the university's [reading list pages](https://kent.rl.talis.com/index.html).
3. **Learning and teaching methods**

Total contact hours: 0

Private study hours: 150

Total study hours: 150

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

Reflective Report (3000 words)

13.2 Reassessment methods

Like-for-like.

1. Module learning outcomes against learning and teaching methods:

| **Module learning outcome** | 8.1 | 8.2 | 8.3 | 9.1 | 9.2 | 9.3 | 9.4 | 9.5 | 9.6 | 9.7 | 9.8 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Private Study and Industrial Placement | **x** | **x** | **x** | **x** | **x** | **x** | **x** | **x** | **x** | **x** | **x** |

1. Module learning outcomes against assessment methods:

| **Module learning outcome** | 8.1 | 8.2 | 8.3 | 9.1 | 9.2 | 9.3 | 9.4 | 9.5 | 9.6 | 9.7 | 9.8 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Industrial Placement report | **x** | **x** | **x** | **x** | **x** | **x** | **x** | **x** | **x** | **x** | **x** |

1. **Inclusive module design**

The Division 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**

Canterbury

1. **Internationalisation**

This module is based on applying mathematical, statistical and/or actuarial principles in an industry or similar context. Mathematics, statistics and actuarial science are international languages with techniques developed and refined by mathematicians, statisticians and actuaries across the globe. Industry experience will equip students to apply the techniques of the subject area in a wide range of international contexts.

The School of Mathematics, Statistics and Actuarial Science includes many members of staff with international experience of teaching and research collaboration. The support provided to its students is also internationally attuned given our international student body.

**DIVISIONAL USE ONLY**

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

| Date approved | New/Major/minor revision | Start date of delivery of (revised) version | Section revised  (if applicable) | Impacts PLOs (Q6&7 cover sheet) |
| --- | --- | --- | --- | --- |
| 20/6/2022 | Major | Autumn 2022 | 8, 9, 10, 13, 14, 16 |  |
| 19/07/23 |  | Autumn 2023 | 1, 4, 5, 10, 12, 13, 15 |  |