1. **Title of the module**

BUSN9058 (CB9058) Warehousing and Global Transportation Management

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

Kent Business School

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)**

Spring

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

BUSN9960 Introduction to Logistics and Supply Chain Management.

BUSN9088 Logistics Modelling and Applications

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

MSc Logistics and Supply Chain Management.

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

8.1 critically evaluate the roles warehouses, transportation centres and the different modes of transport have on the logistic and supply chain systems;

8.2 demonstrate an in depth understanding of the suitable quantitative approaches used in warehousing and global transportation;

8.3 evaluate the use of such methods in practice and their impact in generating a competitive advantage.

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

9.1 solve problems arising in warehousing and transportation;

9.2 communicate effectively both orally and in writing on the area of logistics focussing in warehousing and transportation using real life case studies;

9.3 use computer software such as Excel solver and VBA for modelling purposes.

1. **A synopsis of the curriculum**

The aim of this module is to enable students to critically evaluate the roles warehouses, transportation centres and the different modes of transport have on the logistic and supply chain systems. It will also provide the student with an understanding of the warehouse management such as picking strategies and warehouse layout, packaging, etc. Students will be able to appreciate the use of appropriate methods that are used in practice and their impact in generating the company competitive advantage.

Indicative topics are as follows:

* Warehousing/Storage (the warehouse location, layout problem, storage equipment, picking strategies, packaging, labelling, etc)
* Inventory management (how much you need to stock to minimise your cost and retain your competitive advantage)
* Distribution & Global Transportation
  + Global transportation and techniques adopted in practice (air, sea, railroads, trucks, motorbikes/bicycles, pipelines, others)
  + Transport/road technology including software and hardware (trucking devices, software used, etc)
  + Transport modelling and its impact on the environment and safety.

The module will be subject to continual refinement to ensure the content is kept relevant to logistic industry and CILT requirements.

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

Bartholdi, J.J. (2011) *Warehouse and Distribution Science* (version 0.95), free download, Georgis Institute of Technology, USA, <http://www2.isye.gatech.edu/~jjb/wh/book/editions/history.html>

Crocker, B., Jessop, D., Morrison, A. (2012) *Inbound Logistics Management: Storage and Supply Chain of materials for the modern supply chain* (7th edition), London: Pearson..

Richards, G. (2015) *Warehouse Management*, (2nd edition) London: Kogan Page

Rushton, A., Croucher, P., and Baker, P. (Eds) (2014) *The Handbook of Logistics and Distribution Management* (5th edition), CILT (UK), London: Kogan Page

Wild, R. (latest ed), *Production and Operations Management*, London: Cassell

1. **Learning and teaching methods**

Total contact hours: 42

Private study hours: 108

Total study hours: 150

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

In-Course Test (20%)

Written report on case study (15%)

Presentation (5%)

Individual report (2000 words) (60%)

13.2 Reassessment methods

Reassessment instrument: 100% coursework.

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* | *9.1* | *9.2* | *9.3* |
| **Learning/ teaching method** |  |  |  |  |  |  |
| *Private Study* | **x** | **x** | **x** | **x** |  | **x** |
| *Lectures* | **x** | **x** | **x** | **x** |  | **x** |
| *Laboratory* |  |  | **x** | **x** |  | **x** |
| **Assessment method** |  |  |  |  |  |  |
| *In-course test* |  |  | **x** | **x** |  |  |
| *Presentation* | **x** | **x** | **x** |  | **x** |  |
| *Case study report* | **x** | **x** | **x** |  | **x** |  |
| *Individual report* | **x** | **x** | **x** | **x** | **x** | **x** |

1. **Inclusive module design**

The School 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**

Examples of an international nature are incorporated into exercises and labs covered in both lectures and seminars. Formal assessments also involve international examples (e.g., the use of global companies for assessment in warehousing and global transportation)

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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) |
| 08/04/2016 | Minor | Sept 2016 | 1, 7, 10 |  |
|  |  |  |  |  |

Revised FSO Jan 2018