CILT

International Diploma in Logistics and Transport

Syllabus
Contents

1. Introduction ..............................................................................................................................................
2. Structure and Content ..............................................................................................................................
3. Entry and Progression ..............................................................................................................................
   3.1. Entry ....................................................................................................................................................
   3.2. Progression .........................................................................................................................................
   3.3. Duration of Study ...............................................................................................................................
   3.4. Supporting Students’ Learning ..........................................................................................................
4. Registration ................................................................................................................................................
5. Delivery .....................................................................................................................................................
6. Options and Assessment Strategy ...........................................................................................................
   6.1. Assessment Requirements .................................................................................................................
   6.1.1. Mandatory Units ............................................................................................................................
   6.1.2. Optional Units ....................................................................................................................................
   6.1.3. Elective Units ...................................................................................................................................
   6.1.4. Examination Information – for all Units mandatory elective and optional ....................................
7. Options and Summary of Course Content ...............................................................................................  
   7.1. Mandatory Unit ..................................................................................................................................
   7.1.1. Management in Logistics and Transport (PD01) ...........................................................................
   7.2. Elective Units ......................................................................................................................................
   7.2.1. Supply Chain Management (PD02) ...............................................................................................  
   7.2.2. Transport Operations (PD03) .........................................................................................................
   7.2.3. Transport Planning (PD04) ..............................................................................................................
   7.3. Optional Units .....................................................................................................................................
   7.3.1. Inventory ...........................................................................................................................................
   7.3.2. Movement of Goods ........................................................................................................................
   7.3.3. Movement of People .........................................................................................................................
   7.3.4. Production Planning ........................................................................................................................
   7.3.5. Retail Logistics .................................................................................................................................
   7.3.6. Sourcing and Procurement ..............................................................................................................
   7.3.7. Transport Planning Techniques ......................................................................................................
   7.3.8. Transport and Society .....................................................................................................................
   7.3.9. Warehousing ....................................................................................................................................
   7.3.10. International Business ................................................................................................................

AO/INT/0034 – V1 3
7.3.11. Project Management
7.3.12. Supply Chain Flow Planning
7.3.13. Supply Chain Network Planning
CILT
International Diploma in Logistics and Transport

1. Introduction
The CILT International Diploma in Logistics and Transport is a free-standing qualification, designed to provide a sound foundation for a career within the transport and supply chain fields and should provide supervisors, first-line managers and potential middle managers with a complete set of management and operational skills.

The CILT International Diploma follows on from and builds on the general knowledge gained both in the CILT International Introductory Certificate and the Certificate courses and provides more in-depth information on the core business subjects and specialist areas relating to logistics and transport.

The modules offered as part of this qualification can also be offered as stand-alone units, giving both students and employers maximum flexibility. This route may specifically appeal to employers who wish to target a very specific topic area (e.g. Sourcing and Procurement, Warehousing) for development as in-house courses, but with the option for employees to move forward at a later date to ‘top up’ to complete the Diploma course. Note that any certification awarded on a modular basis will clearly state that the award only relates to the specific module and not to the whole qualification.

2. Structure and Content
To achieve the CILT International Diploma, all candidates must study and pass the one mandatory unit, one elective from a choice of 3 and two optional units from 13 making a total of 4 units to be studied. We note however, that in some countries, Government standards on the unit duration/contact time may require the local CILT Branch or Territorial Organisation to demonstrate the equity between the local Qualification Framework and the content of this course.

Whilst the core requirements are set out as below, we are happy to support training providers and CILT Branches/Territories who may require additional modules to be taken in order to satisfy specific educational requirements in their own country.
Should a formal letter of endorsement and clarification on the exact contact/learning time be needed to support a course provider, please get in touch with the International Professional Development Coordinator who is available to support in this area, and should it be necessary to add in further units to ensure that the Diploma level qualification is recognised locally, then this can be arranged with the sanction of the local CILT Branch or Territorial Organisation. If any additional topic areas and also considered important to warrant a new unit to be drafted, then we would also be pleased to hear from you.

The table below sets out the current structure of the CILT International Certificate qualification and the prerequisite module structure.

**Table 1 CILT International Diploma in Logistics and Transport**

<table>
<thead>
<tr>
<th>Unit Type</th>
<th>Unit Reference</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mandatory</td>
<td>PD01</td>
<td>Management in Logistics and Transport</td>
</tr>
<tr>
<td>And choose one of the following electives:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Elective</td>
<td>PD02</td>
<td>Supply Chain Management</td>
</tr>
<tr>
<td>Elective</td>
<td>PD03</td>
<td>Transport Operations</td>
</tr>
<tr>
<td>Elective</td>
<td>PD04</td>
<td>Transport Planning</td>
</tr>
<tr>
<td>And choose one of the following options:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Option</td>
<td>PD05</td>
<td>Inventory</td>
</tr>
<tr>
<td>Option</td>
<td>PD06</td>
<td>Movement of Goods</td>
</tr>
<tr>
<td>Option</td>
<td>PD07</td>
<td>Movement of People</td>
</tr>
<tr>
<td>Option</td>
<td>PD08</td>
<td>Production Planning</td>
</tr>
<tr>
<td>Option</td>
<td>PD09</td>
<td>Retail Logistics</td>
</tr>
<tr>
<td>Option</td>
<td>PD10</td>
<td>Sourcing and Procurement</td>
</tr>
<tr>
<td>Option</td>
<td>PD11</td>
<td>Transport Planning Techniques</td>
</tr>
<tr>
<td>Option</td>
<td>PD12</td>
<td>Transport and Society</td>
</tr>
<tr>
<td>Option</td>
<td>PD13</td>
<td>Warehousing</td>
</tr>
<tr>
<td>Option</td>
<td>PD14</td>
<td>International Business</td>
</tr>
<tr>
<td>Option</td>
<td>PD15</td>
<td>Project Management</td>
</tr>
<tr>
<td>Option</td>
<td>PD16</td>
<td>Supply Chain Flow Planning</td>
</tr>
<tr>
<td>Option</td>
<td>PD17</td>
<td>Supply Chain Network Planning</td>
</tr>
</tbody>
</table>
3. Entry and Progression

3.1 Entry

It is recommended though not a strict necessity that those individuals wishing to undertake the CILT International Diploma are involved with:

- Contributing to the establishment of activity plans to support logistics operations and/or
- Supervising/managing and controlling operational activities.

For entry to the International Diploma candidates are expected to have prior knowledge of logistics and transport operations and an awareness of the integrated nature of supply chain activities, ideally through their own work experience and/or knowledge gained from studying the International Introductory Certificate and Certificate level courses.

3.2 Progression

Further progression is available to the CILT International Advanced Diploma in Logistics and Transport.

Successful completion of the CILT International Diploma together with a minimum of three years' appropriate experience, meets the eligibility criteria for membership upgrade from Student Member to Member (MILT) of the Chartered Institute of Logistics and Transport.

3.3 Duration of Study

As a guide, to complete the course students should allow around 12-18 months for the Diploma study programme of 4 units but normally most students depending on how the course is taught complete the qualification well within a year.

The guided learning hours required for study of the International Diploma are set as 360 hours which includes classroom and self-study hours. This is allocated as 90 hours per unit for the minimum 4 units.
The International Diploma must be completed within two years of the registration date and it will be the responsibility of the approved training provider to inform the International Professional Development Coordinator or any delays in commencement.

3.4 Supporting Students’ Learning

It is vital that from the very outset, students manage their time and set realistic targets for each section of the specification. An allowance of 20–25 hours is usually recommended for each component of a unit. In addition, many students will need to allow additional time for examination preparation and revision.

As part of their induction, students should be advised to make clear notes and bullet points where appropriate. Participants should also make use of the highlighted sections and icons within the course manual to guide them to the key information. Refer to the recommended reading as directed if available in your training provider’s library or local CILT Branch/Territorial Organisation library. Students are to be encouraged to develop this core information with wider reading from books articles available from the internet or British Council library.

Wherever possible, lecturers should source local case and provide local/regional examples to demonstrate the core principle and key message within each module. Local case studies are particularly useful tools to use in order to gauge whether or not students have understood the more important and essential elements of each section and, in some cases, whether they are actually able to apply that knowledge and understanding to a set scenario.

There is a vast amount of information that can be accessed through the CILT(UK) Knowledge Centre which should be available to student members to use who are studying CILT International courses. As a matter of practice all universities, colleges and other accredited training providers offering the CILT International qualifications will be provided with a login ahead of their student cohorts so that lecturers and learning centre/library staff can navigate and research the resources through the CILT (UK) Knowledge Centre ahead of student intake and to help them in their lecture preparation.
4. Registration

All students must register with CILT International at the commencement of the programme. This is carried out via CILT Ireland who is responsible for the education administration support function.

There is a detailed registration and invoicing process which CILT International outline in their Training Provider pack. This provides specific information on the process for submitting student names (following a standardised template for recording names and personal details), making payments and dealing with exam setting, moderation and issue of certificates.

Each student will be given a unique CILT International registration number, and the training provider should also allocate its own unique reference. Every training provider will also have a unique code name which should be used as part of the student’s reference number.

Unless there are localised arrangements in place (e.g. with a local CILT Branch/Territorial Organisation) covering payments or moderation/certification, this centralised process must be followed by every approved training provider.

CILT International reserves the right to withhold the award of any qualification or the arrangement of examinations to candidates:

- Who have not been registered and enrolled at an Approved Training Centre
- Who have not been candidates registered with CILT International as Student members for the duration of their course of study
- Who are not candidates registered with CILT International at the time of examinations, course completion and course certification.

Certificates will also be withheld if the appropriate registration fees relating to the specific student cohort have not been paid in full. It should be noted that the billing policy of CILT is for all students to be registered at the outset of the course, not for those that complete the course and/or sit the examinations.
5. Delivery

Delivery of the qualification will be by an Approved and Accredited Training Centre, which will be subject to annual review and formal re-accreditation every 3 years by CILT International in order to ensure standards are being maintained of both the facilities and faculty teaching the CILT courses.

Approved Training Centres will be expected to use the syllabus and materials provided upon accreditation as the basis for producing their own teaching and learning materials. Further help and assistance can be obtained from the International Professional Development Coordinator and from the CILT (UK) Knowledge Centre.

6. Options and Assessment Strategy

Candidates may select to study single modules and build up their qualification over time, or instead study the whole qualification on a more intensive basis which is generally the favoured approach. At this stage the main learning approach is carried out in a ‘classroom environment’ with self–study in terms of homework and additional reading being encouraged. However, CILT are looking at ways to move the qualification in the future into an e-based platform but with contact time still provided.

6.1. Assessment Requirements

6.1.1. Mandatory Unit

Candidates must sit and pass an examination in the mandatory unit: PD01 Management in Logistics and Transport.

Examinations are drafted by the trainers/lecturers/or CILT local examination panel and are then sent to CILT International for verification/moderation prior to the candidates sitting the examination.

The examination cycles are normally determined by the individual training providers who may also liaise with the local CILT Branch or Territorial Organisation. Examinations can be sat whenever the training provider would like to hold examinations for candidates thus flexibility is the key to enable examinations when the training provider/candidates wish to sit examinations. However, in a few countries there are 2 established examination cycles per year whilst others work on an annual basis. For those training providers offering short courses and single units
the examination timetable may be more frequent and notification of key dates will be important. All training providers are expected to notify the International Professional Development Coordinator of their proposed dates and timescales within plenty of notice so that we can plan ahead for examination paper verification, moderation and certification.

6.1.2. Elective Units

In addition to the mandatory unit candidates must study and pass one elective unit examination from a list of three namely:

PD02 Supply Chain Management
PD03 Transport Operations
PD04 Transport Planning

The choice of elective unit will usually lead to optional units in the same subject area e.g. Supply Chain Management might well lead to units such as Inventory and Warehousing or Sourcing and Procurement and Movement of Goods however, candidates and training providers are at liberty to choose whatever units they wish to study/offer.

6.1.3 Optional Units

A total of 13 optional units are available thus offering a wide choice for study purpose. A total of 2 options have to be studied and candidates examined in both. The options comprise:

PD05 Inventory
PD06 Movement of Goods
PD07 Movement of People
PD08 Production Planning
PD09 Retail Logistics
PD10 Sourcing and Procurement
PD11 Transport Planning Techniques
PD12 Transport and Society
PD13 Warehousing
PD14 International Business
PD15 Project Management
PD16 Supply Chain Flow Planning
PD17 Supply Chain Network Planning

6.1.4 Examination Information – for all Units mandatory, elective and optional

All draft examination papers will be set by the training providers/lecturers/or the local CILT examination panel and soft copies will be sent to CILT International moderators for verification and standards prior to the examination being sat by the students. The verified soft copy papers will then be returned and final copies made. Examinations will then take place and the papers marked by the training providers/lecturers and the draft results sent to CILT International who will then choose a sample of papers to moderate the marking standards. The sample [actual] papers will be sent by courier to CILT International moderators and if and when CILT International is satisfied that the marking is of a sufficiently high standard the finalised results will be made public.

However, if CILT International moderators are dissatisfied with the sample of marking they will request to moderate all examination papers at an additional cost to the training provider and only then will the results be published. Dependent on the overall capacity of the local CILT Branch/Territorial Organisation it is possible that they will be able to provide support and advice to the examination and moderation processes by assisting the training providers in the examination process. For example, in Nigeria, the examinations are set and sat in June and November and drafting of the examinations is carried out locally using an independent panel of CILT members before sending to CILT International for verification of the examination papers and marking standards after the papers have been sat and marked.

All examinations are closed book and the pass mark for each examination is 50%.
If candidates do not achieve the full qualification, unit certificates will be issued upon successful completion or resit examinations [at additional cost] can be arranged for students to complete the course successfully.

7. Options and Summary of Course Content

A separate publication which complements this syllabus sets out the full and detailed Standards, Learning Outcomes, Knowledge and Understanding of each of the units discussed below.

7.1. Mandatory Unit

7.1.1. Management in Logistics and Transport (PD01)

The role of management can be a very diverse and multi-disciplined practice that requires talented individuals to analyse, control and manage a multitude of operations and departments.

A range of management skills is required – whether course participants are working in a large international organisation or as a sole trader managing their own workload, diary and commercial aspects. In either arena, the art of the manager is to ensure maximum return on the operation from efficiency to finances.

This core unit presents the fundamental management knowledge required of managers in logistics and the transport industry. It covers aspects of the internal and external structures of an organisation, the governance of the staff within the organisation and those financial and planning techniques necessary to sustain organisational health. It aims to deliver the understanding and competence of those key elements of management practice that are fundamental to both commercial and non-commercial organisations.

Unit Content

Element 1. Internal Organisation Dynamics.
Element 2. External Dynamics.
Element 3. People Management.
7.2 Elective Units

7.2.1 Supply Chain Management (PD02)

The aim of this elective unit is to introduce the main principles, concepts and practices of supply chain management. The unit is self-standing and provides the essential underpinning for optional modules in this field.

The content of the module covers four main themes. These are: what is a supply chain and supply chain planning, why it is important in any business, how the supply chain operates and the principles for supply chain improvement. Where appropriate, the global/regional nature of the supply chain will be emphasised.

Outline Unit Content
Element 1. The Supply Chain.
Element 2. Supply Chain Planning.
Element 4. Supply Chain Improvement.

7.2.2 Transport Operations (PD03)

This elective unit presents the key generic aspects of transport operations. It provides the basis for professionals in the transport industry to understand the principles of effective, safe and legal movement of goods and people by the principle modes in a national, regional and international context. The unit covers the nature of transport, an appreciation of its supply and demand characteristics and the different ways in which the transport product can be delivered effectively and efficiently.

It is expected that candidates will be able to relate the general principles involved in this unit to the movement of both people and goods by a variety of modes. However, any detailed development of these principles may be in the context of either freight or passenger transport by one or more modes.
Outline Unit Content
Element 1. The Nature of Transport.
Element 2. The Regulation of Transport.
Element 3. The Operation of Transport.
Element 4. Resourcing Transport.

7.2.3. Transport Planning (PDO4)
This elective unit presents the key generic aspects of transport planning. It provides the foundation of knowledge on the concepts and principles that govern the process of transport planning.

The unit investigates the nature and purpose of transport planning, the complex interactions between transport and land-use and the transport planning process itself. Both the demand for transport movements and the supply are covered in detail in this unit.

Outline Unit Content
Element 1. Transport Planning.
Element 2. The Demand for Movement.
Element 3. The Supply of Transport.

7.3. Optional Units

7.3.1 Inventory (PD05)
This option unit addresses the application of inventory techniques within industry and its contribution to supply chain performance. It aims to show how an effective inventory strategy can lead to competitive advantage through improvements in customer service, operational efficiency and the utilisation of company assets.

In order to appreciate these principles and practices, the unit provides background information on the traditional inventory models. This will explain the factors underpinning the fundamental decisions such as when and how much to order and how stock targets can be differentiated across a product range.

This unit is relevant for anyone working or interested in inventory management. It
will also provide those directly engaged in supply chain management with a broader understanding of this subject.

**Outline Unit Content**

Element 1. What is inventory management?
Element 2. Inventory principles.
Element 3. Modern inventory systems.
Element 4. Managing inventory through a network

7.3.2 **Movement of Goods (PD06)**

This unit provides the underlying knowledge for the movement of goods in a national, regional and international context. It addresses the responses of the transport operator to the characteristics of goods and places the latter's movements in the context of the total logistics concept. Choice of mode, vehicle and route are integral and the external and internal issues relating to modal infrastructures are featured. A further key element is the location of infrastructure, and the operation of interchanges together with their supporting information links. The unit supports the Transport Operations elective unit (PD03) to provide a comprehensive package for the goods operator but is also suitable in a freestanding form for any candidate with an interest in this subject.

**Outline Unit Content**

Element 1. The Goods to be moved.
Element 2. Origins, destinations and routes.
Element 4. Movements.
Element 5. Logistics and the supply chain.
7.3.3. Movement of People (PD07)

This option unit provides the underlying knowledge for the movement of people in a national, regional and international context. It addresses the responses of the operator of passenger transport to the characteristics of all movement types.

Key elements are the operation of the interchange points and location together with the vital communication links that supply the control and confirmation of movement.

The unit supports the Transport Operations elective unit (PD03) to provide a comprehensive package for the passenger transport operator but it is also suitable in free standing form for any candidate with an interest in this area.

Outline Unit Content
Element 1. The People to be Moved.
Element 2. Origins, Destinations and Services.
Element 4. Movements.
Element 5. Passenger Logistics and the Seamless Journey

7.3.4. Production Planning (PD08)

This option unit provides the fundamental knowledge required by managers in the logistics business sector involved in the flow of materials through a production process. It covers production planning as part of the logistics system and how production planning fits into a company’s supply chain strategy. The unit views the logistics of production planning processes in terms of the creation of value to the customers, delivering sustainable competitive advantage and minimising waste.

The unit is relevant for anyone working in logistics in a manufacturing environment and for those with an interest in this sector.

Outline Unit Content
Element 1. The concepts of production planning.
Element 2. Fundamentals of Production Planning.
Element 3. Current manufacturing and materials planning systems.
Element 4. Managing material flows through a production process.
**7.3.5. Retail Logistics (PD09)**

The aim of this option unit is to formulate and apply principles and practices of supply chain management to retailing. It therefore builds upon and develops the content of the elective module in Supply Chain Management (PD02).

In order to appreciate these principles and practices, the unit will focus on retail logistics, nationally and globally. Key elements will be the ways in which changes in society, business organisation and retail structures have impacted upon logistics activity in retailing.

The unit is particularly relevant for those employed by retailers or by third party logistics operators (3PL’s) serving the retail sector and also for those with an interest in the retail sector.

**Outline Unit Content**

Element 1. Introduction to the retail market.
Element 2. Retail strategy and networks.
Element 3. Inventory and warehouse issues.
Element 4. Globalisation and the retail supply chain

**7.3.6. Sourcing and Procurement (PD10)**

This option unit presents the fundamental sourcing and procurement management knowledge for managers involved in logistics activities. It covers the entire role and strategy of sourcing and the procurement processes that follow. The unit addresses the integration of these processes within the overall corporate strategy and covers the measurement and use of performance and financial controls that aid efficient and effective supplier management.

The unit is relevant to those working in logistics and those involved in or interested in gaining a basic understanding of the sourcing and procurement processes.
Outline Unit Content

Element 1. The role of sourcing and procurement and their position within the corporate mission.
Element 2. Sourcing and procurement procedures and processes.
Element 3. Managing risk and spend in relation to customer and supplier requirements.
Element 4. Performance measurement and control in sourcing and supply.

7.3.7. Transport Planning Techniques (PD11)

This unit presents the technical processes involved in transport planning. It provides a detailed technical knowledge on the quantitative processes which underpin the transport planning process. It incorporates the development of strategic plans at a national regional and local level. It complements the Transport Planning elective (PD04) unit and those candidates who choose the elective are likely to study this optional unit as well for a comprehensive understanding of the Transport Planning system.

Outline Unit Content


7.3.8. Transport and Society (PD12)

This unit addresses the issues surrounding transport and its relationship with society. It reviews the impact of factors such as demography, politics and environmental factors/intangibles generated by transport developments for both passenger and freight movements. Other key elements are the effects of residential choices and employment patterns on transport needs and land use planning. The unit is freestanding but will be of particular interest to those choosing the Transport Planning elective unit (PD04).
Outline Unit Content

Element 1. Society, Equality and Travel.
Element 2. Environmental Issues.
Element 3. Decision Making and People.

7.3.9. Warehousing (PD13)

Warehousing is accepted today as a critical component of logistics and supply chain operations. Warehouses have transformed from a mere storage place for goods to become complex operations that continue to add value within the supply chain and give competitive advantages to organisations.

The unit presents the fundamental warehouse management knowledge required of managers in logistics and the storage and distribution industry. It covers the role of the warehouse and how warehouse strategy fits into the entire logistics strategy. The key elements are operational functioning of a warehouse, its technology and effective control. The unit aims to deliver the understanding and competence of those key elements of warehouse management practice that are fundamental to both commercial and non-commercial organisations.

Outline Unit Content

Element 1. The role of the warehouse in logistics strategy.
Element 2. Warehouse operational procedures and processes.
Element 3. Technology in the warehouse.
Element 4. Warehouse cost management and performance controls.

7.3.10. International Business (PD14)

The aim of this option unit is to provide candidates with the knowledge required to plan, implement and manage the global supply/flow of materials from their source to the end user within the overall framework of an organisation’s supply chain and business strategy.

The unit deals with the complex issues of the identification and management of
risk inherent in an international supply chain and how government trade policies/promotion and inter-governmental regulation impact on international business practice. The key issues involved in developing a global logistics strategy and delivering the competence necessary to implement and manage a global logistics operation are addressed.

The Unit is relevant for anyone working in or interested in international business or international supply chain management. It will also provide those directly engaged in international physical distribution with an understanding of the broader commercial and financial issues affecting the organisation’s international business.

Outline unit content
Element 1. The international business environment.
Element 2. Developing a global logistics strategy.
Element 4. International commerce.

7.3.11. Project Management (PD15)
The aim of this option unit is to provide candidates with the knowledge required to assess feasibility, design, plan, implement, undertake, manage, record and make final assessment of projects carried out in a controlled environment.

The unit deals with projects and the elements of project management.

This unit is relevant for anyone working in or interested in managing change using a proven project management methodology that is aimed at ensuring controlled performance and bringing about whatever improvements have been identified as required by the logistics or supply chain business or organisation seeking to make change, whether on a strategic, operational or tactical level. It will also provide those directly engaged in supply chain management, or some element of logistics,
whether on a national, regional or international basis, with an understanding of how project management may be used to bring about business improvement for the benefit of the organisation, company and all stakeholders involved, including customers.

Outline unit content
Element 1. Project Structure, Processes, Organisation and Programmes.
Element 2. Project Start-Up, Initiation, Planning, Stages and Stage Planning.
Element 3. Project Direction, Control, Stage Control, Stage Boundaries and Risk management
Element 4. Project Change Control, Configuration, Product Delivery, Quality and Project Closure

7.3.12. Supply Chain Flow Planning (PD16)

The aim of this optional unit is to cover the main principles, concepts and practices of planning supply chain material flows.

The unit deals with the issues of identifying the demand for products and then balancing this with the appropriate supply. The key issues involved with determining the level of demand are addressed. Aspects of supply planning are then explored highlighting the need for different strategies for different products. The use of inventory to balance the flows between supply and demand is then covered.

The unit is relevant for anyone involved with or interested in the planning of supply chain flows. It will also provide those directly engaged in the supply chain with an understanding of the broader commercial issues affecting supply chain activity.
Outline Unit Content
Element 1. Demand Planning.
Element 2. Supply Planning.
Element 3. Inventory Planning.
Element 4. Supply Chain Planning.

7.3.13 Supply Chain Network Planning (PD17)

The aim of this option unit is to provide candidates with the knowledge to plan, implement and manage a supply chain network in which products flow from their source to the end user. The unit deals with the complex issues of identifying the network requirements for different types of facilities based upon cost and service criteria. The key issues involved with locating facilities and then planning the resources required to operate them are also addressed. Acquisition options are also explored with particular emphasis on selecting and managing third party contractors (3 PL’s) The unit is relevant for anyone involved with or interested in the design of supply chain networks. It will also provide those directly engaged in the supply chain with an understanding of the broader commercial issues affecting supply chain design.

Outline unit content
Element 1. Identify network requirements.
Element 2. Plan the network structure.
Element 3. Resource the network.
Element 4. Create the network controls.
Element 5. Cost proposals.