



The New Distance Learning Course

Objectives

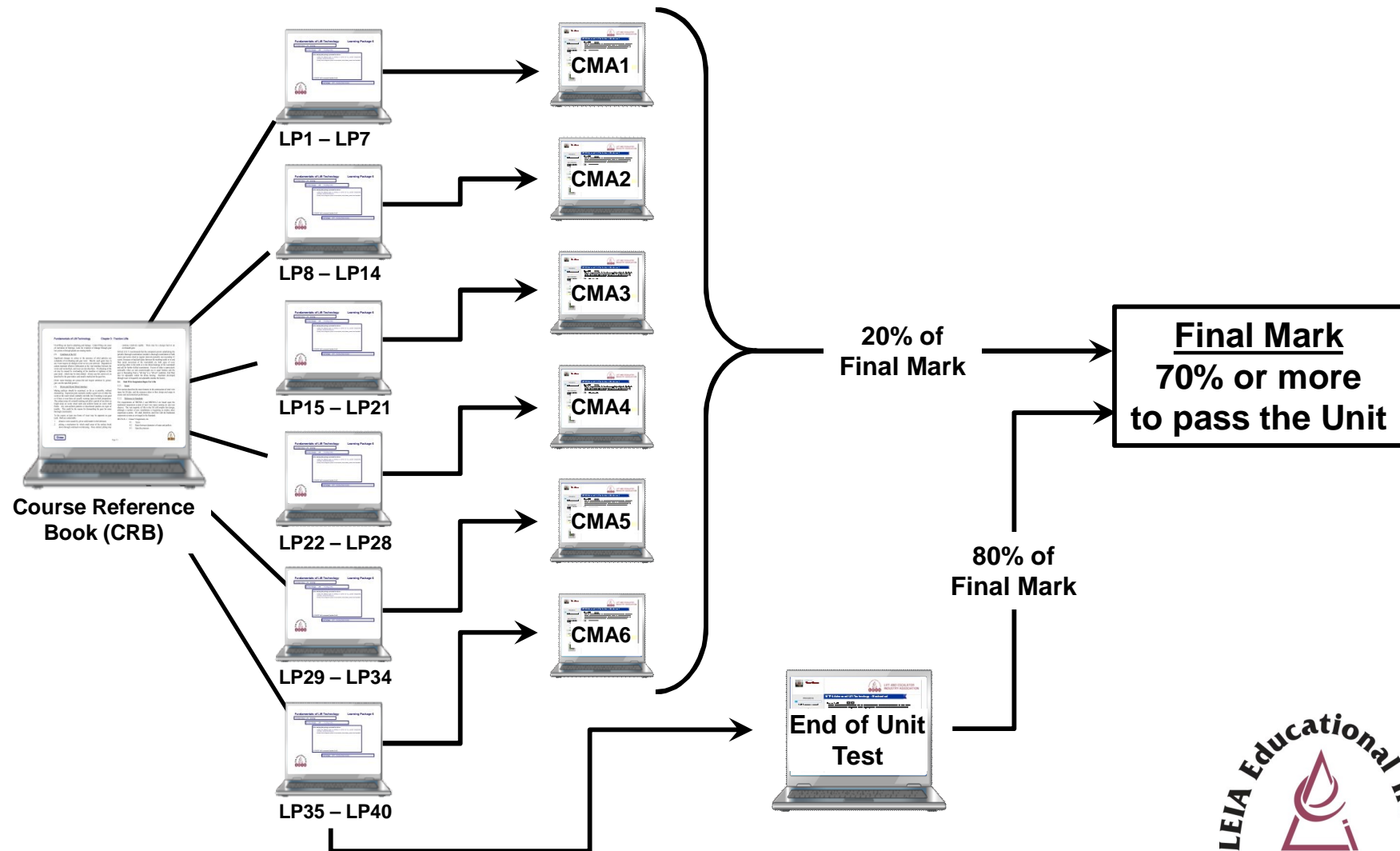
The Objectives of this slide show are :-

1. To briefly explain the structure of the course
2. To give guidance for successful study
3. To describe the structure of the End Test and questions
4. To give some hints for the End Test day

The New LEIA Distance Learning Course



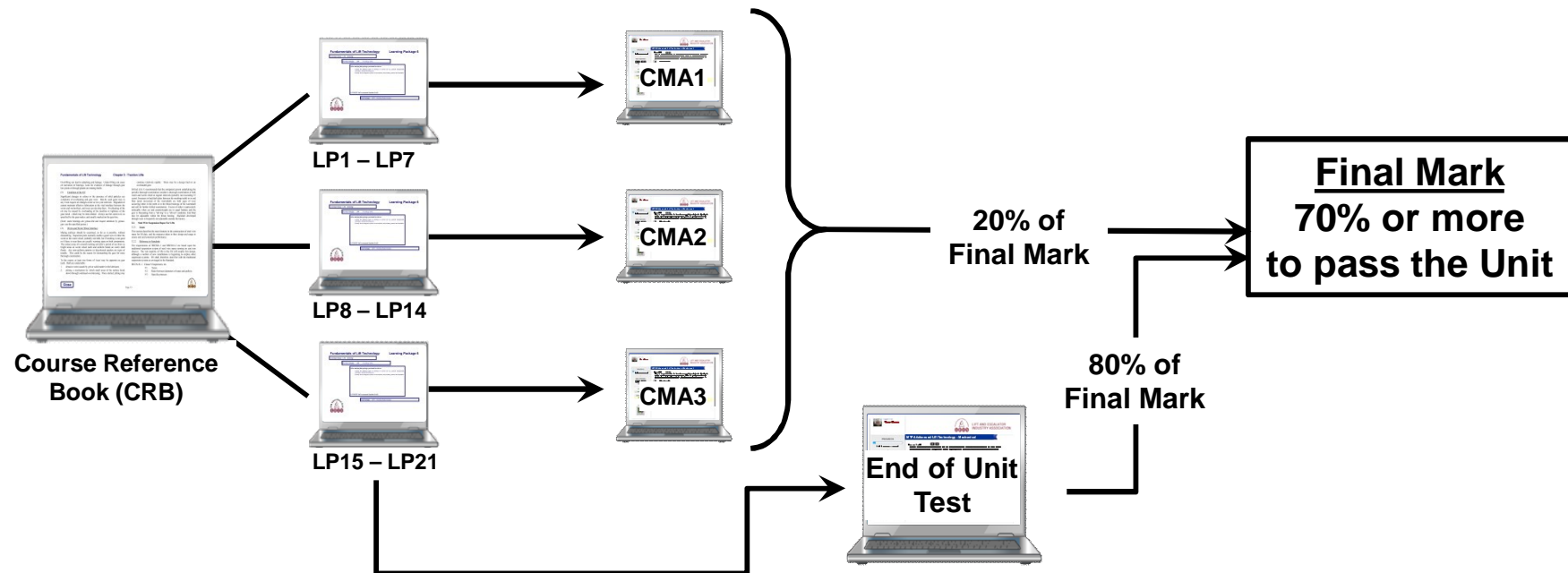
Structure of the Study Programme



The New LEIA Distance Learning Course



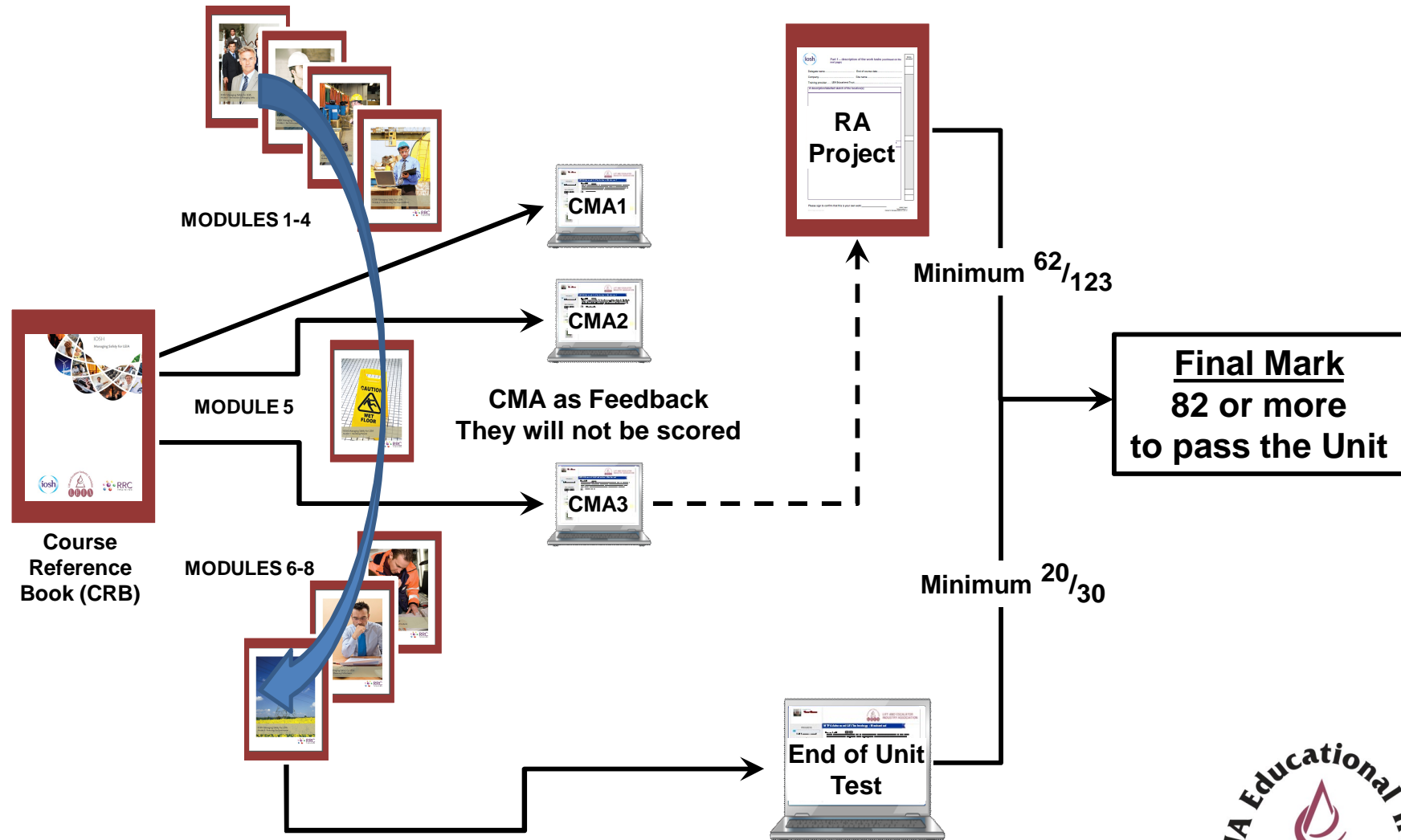
Structure of the Study Programme (Half Units)



The New LEIA Distance Learning Course



Structure of the Study Programme



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Structure of the Study Programme Timetable



The Lift and Escalator Industry Association

Study Timetable - Full Units September 2013

Study Week	Week Ending Friday	Learning Packages to be Studied	Other Activity
1	06/09/2013	LP1 - LP7	
2	13/09/2013		
3	20/09/2013		
4	27/09/2013		
5	04/10/2013		CMA1 accessible
6	11/10/2013	LP8 - LP14	Complete Assignment CMA1
7	18/10/2013		CMA1 grace period max 50%
8	25/10/2013		CMA1 grace period max 40%
9	01/11/2013		CMA2 accessible
10	08/11/2013		Complete Assignment CMA2
11	15/11/2013	LP15 - LP21	CMA2 grace period max 50%
12	22/11/2013		CMA2 grace period max 40%
13	29/11/2013		
14	06/12/2013		CMA3 accessible
15	13/12/2013		Complete Assignment CMA3
16	20/12/2013	LP22 - LP28	CMA3 grace period max 50%
17	27/12/2013		End of Semester 1 CMA3 grace period max 40%
18	03/01/2014		
19	10/01/2014		Receive Semester 1 Progress Report/ CMA4 acc'bl'
20	17/01/2014		Complete Assignment CMA4
21	24/01/2014	LP29 - LP34	CMA4 grace period max 50%
22	31/01/2014		CMA4 grace period max 40%
23	07/02/2014		
24	14/02/2014		CMA5 accessible
25	21/02/2014		Complete Assignment CMA5
26	28/02/2014	LP35 - LP40	CMA5 grace period max 50%
27	07/03/2014		CMA5 grace period max 40%
28	14/03/2014		CMA6 accessible
29	21/03/2014		Complete Assignment CMA6
30	28/03/2014		CMA6 grace period max 50%
31	04/04/2014	Preparation for End Test	CMA6 grace period max 40%
32	11/04/2014		
33	18/04/2014		
34	25/04/2014		End of Semester 2
35	02/05/2014		
36	09/05/2014		End Test Thurs 08/05/14



The Lift and Escalator Industry Association

Study Timetable - Half Units September 2013

Study Week	Week Ending Friday	Learning Packages to be Studied	Other Activity
1	06/09/2013	LP1 - LP7	
2	13/09/2013		
3	20/09/2013		
4	27/09/2013		
5	04/10/2013		CMA1 accessible
6	11/10/2013	LP8 - LP14	Complete Assignment CMA1
7	18/10/2013		CMA1 grace period max 50%
8	25/10/2013		CMA1 grace period max 40%
9	01/11/2013		
10	08/11/2013		CMA2 accessible
11	15/11/2013	LP15 - LP20	Complete Assignment CMA2
12	22/11/2013		CMA2 grace period max 50%
13	29/11/2013		CMA2 grace period max 40%
14	06/12/2013		CMA3 accessible
15	13/12/2013		Complete Assignment CMA3
16	20/12/2013	Preparation for End Test	CMA3 grace period max 50%
17	27/12/2013		End of Semester 1 CMA2 grace period max 40%
18	03/01/2014		
19	10/01/2014		End Test Thurs 09/01/14

End Test date is given – don't book your holidays here





Study Timetable - Managing Safely for LEIA September 2013

Study Week	Week Ending Friday	Modules to be Studied (Suggested times)	Other Activity
1	06/09/2013	Module 1	
2	13/09/2013		
3	20/09/2013	Module 2	Submit suggested work area for RA Project
4	27/09/2013	Module 3	
5	04/10/2013		CMA1 accessible
6	11/10/2013	Module 4	Complete Assignment CMA1
7	18/10/2013		
8	25/10/2013		
9	01/11/2013		CMA2 accessible
10	08/11/2013		Complete Assignment CMA2
11	15/11/2013		Prepare RA Project
12	22/11/2013		
13	29/11/2013	Module 5	CMA3 accessible
14	06/12/2013	Module 6	Complete Assignment CMA3
15	13/12/2013		
16	20/12/2013	Module 7	
17	27/12/2013	Module 8	End of Semester
18	03/01/2014	Preparation for End Test	Complete Risk Assessment Project
19	10/01/2014		End Test Thurs 09/01/14 . Deliver RA Project

MSH4 Timetable

MSH4 Project MUST be with LEIA on or before the End Test date

1309 MSFL v5

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← → http://www.leia.co.uk/ Lift and Escalator Industry ...


www.leia.co.uk

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LIFT AND ESCALATOR INDUSTRY ASSOCIATION

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Lift and Escalator Industry Association LEIA website search

Welcome to the LEIA website, the trade association and advisory body for the lift and escalator industry. Information about the Association and its activities, industry matters, LEIA member companies and their services can be found under the headings if you would like to know more, please contact LEIA at the address shown at the bottom of the page or by telephone or email.

LEIA Member products include

- Lifts, Passenger and Goods
- Home Lifts
- Moving Walks
- Service Lifts

News and Events

04 October, 2013
Tough New Penalties for Non-Emergency Lift Rescues
London Fire Brigade has today announced that councils and businesses w...

14 August, 2013
LEIA New Distance Learning Course

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The Sample Questions

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Sample Questions

The screenshot displays the ExamBuilder website interface. At the top, the browser address bar shows 'https://testing.exambuild...'. The website header includes the text 'ExamBuilder. The leader in on-line testing for professionals.' and navigation links for 'Profile', 'Support', and 'Log Out'. A user is logged in as 'Your Name'. The main content area is titled 'ETF4 Samples' and features three icons with instructions: a red circle with a slash for 'Please don't use the back button!', a circular arrow for 'Each response is automatically saved.', and a yellow 'Exit Exam' button for '"Exit Exam" returns you to the exams list.' Below this is a section titled 'From Your Instructor' containing a detailed paragraph about the purpose of the sample questions. At the bottom of the page, there is a 'CONTINUE' button and an 'Exit Exam' link. The footer states 'Copyright ©2012 ExamBuilder. All rights Reserved.'

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EXAM BUILDER

Logged in as
Your Name

LEIA LIFT AND ESCALATOR INDUSTRY ASSOCIATION

ETF4 Samples

Please don't use the back button!

Each response is automatically saved.

"Exit Exam" returns you to the exams list.

From Your Instructor

This set of example questions is provided to give you the opportunity to see the kind of question which will come up in the End Test. It must be understood that the questions are not a complete 'revision guide', since the examples show the types of questions which will be presented to you but do NOT AND ARE NOT intended to cover all the topics in the learning material. Your revision work and preparation for the test must be based primarily on the learning materials and not on these questions.

By showing you the kind of questions which will be presented to you, we intend that you gain some understanding of how the answers are derived from the questions. Of course, in many cases the relationship of the answer to the question is quite straightforward, e.g. if we ask you the minimum engagement of a landing lock, you'll either know or not know that it must engage by 7mm before the lock contact closes. In other cases, we ask you to demonstrate some deeper understanding of the material, e.g. we may give you the angular acceleration of a motor and wormshaft and ask you to calculate the inertia of the flywheel required to change it to a given figure.

What we won't do is to expect you to remember verbatim the wording in the learning materials, although we may quote (or misquote!) from the material and ask you if it's correct, ie using your knowledge to work out if it's correct or not.

To gain the most benefit from the examples, we suggest that you work carefully through the questions using the learning material where necessary to find the answer.

[CONTINUE](#) [Exit Exam](#)

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Sample Questions

The screenshot shows a web browser window displaying the ExamBuilder interface. The browser's address bar shows the URL <https://testing.exambuild...>. The page header includes the text "Welcome to ExamBuilder" and "Introduction". The main content area is titled "ETF4 Samples" and displays "Question 3 of 14". The question text is: "The effect of 2:1 reeving used on a gearless lift machine is... (Note that more than one (but not all) of the statements may be required)". Below the question, there are four multiple-choice options, each with a checkbox: A. To double the rotational speed of the machine for the same lift speed; B. To halve the loading on the ropes; C. To reduce the loading on the sheave shaft; D. To increase the angle of wrap on the traction sheave. A "Submit Answer" button is located at the bottom of the question area. On the left side of the page, there is a "PROGRESS" section showing a progress bar and the text "2 of 14 questions answered". Below this is an "Exit Exam" button. At the bottom left, there is a logo for "ExamBuilder" with the text "Powered by" above it. The bottom right corner of the page features the "LEIA Educational Trust" logo, which consists of a stylized flame icon above the letters "LEIA".

ExamBuilder. The leader in on-line testing for professionals. [Profile](#) / [Support](#) / [Log Out](#)

Logged in as **Your Name**

ETF4 Samples

Question 3 of 14

The effect of 2:1 reeving used on a gearless lift machine is...
(Note that more than one (but not all) of the statements may be required)

Please select all that apply

A ☐ To double the rotational speed of the machine for the same lift speed

B ☐ To halve the loading on the ropes

C ☐ To reduce the loading on the sheave shaft

D ☐ To increase the angle of wrap on the traction sheave

[Submit Answer](#)

PROGRESS

2 of 14 questions answered

[Exit Exam](#)

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LEIA Educational Trust

LEIA

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Sample Questions

The screenshot displays the ExamBuilder website interface within a web browser window. The browser's address bar shows the URL <https://testing.exambuild...>. The page header includes the text "Welcome to ExamBuilder" and "Introduction". The main navigation bar features links for "Profile", "Support", and "Log Out".

On the left side, a sidebar indicates the user is "Logged in as Your Name" with a profile picture. Below this, a "PROGRESS" section shows a progress bar and the text "2 of 14 questions answered". A yellow "Exit Exam" button is visible. At the bottom of the sidebar, it says "Powered by" followed by the "EXAM BUILDER" logo.

The main content area is titled "ETF4 Samples" in a blue banner. Below this, it indicates "Question 3 of 14". A red message states: "Your answer was NOT correct. You must answer this question correctly to continue the exam." Below this message is a "RETURN TO QUESTION" button.

A section titled "From Your Instructor" contains the following text: "See LP25; 2:1 reeving reduces the loading on the sheave shaft, doubles the rotational speed of the machine for the same lift speed, and halves the loading on the ropes. However, it is double wrap, not 2:1 reeving which is used to increase the angle of wrap." Below this text is another "RETURN TO QUESTION" button.

The footer of the page states "Copyright ©2012 ExamBuilder. All rights Reserved." and a zoom level of "100%" is shown in the bottom right corner.

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Sample Questions

The screenshot displays the ExamBuilder website interface. At the top, the browser address bar shows 'https://testing.exambuild...'. The page header includes 'Welcome to ExamBuilder' and 'Introduction'. The main content area is titled 'ETF4 Samples' and shows 'Question 3 of 14'. A message states: 'Your answer was NOT correct. You must answer this question correctly to continue the exam.' Below this is a 'CONTINUE' button. A section titled 'From Your Instructor' contains text: 'See LP25; 2:1 reeving reduces the loading on the sheave shaft, doubles the rotational speed of the machine for the same lift speed, and halves the loading on the ropes. However, it is double wrap, not 2:1 reeving which is used to increase the angle of wrap.' Below this is a question: 'The effect of 2:1 reeving used on a gearless lift machine is...' with a note: '(Note that more than one (but not all) of the statements may be required)'. The question has four multiple-choice options: a) To double the rotational speed of the machine for the same lift speed, b) To halve the loading on the ropes, c) To reduce the loading on the sheave shaft, and d) To increase the angle of wrap on the traction sheave. A 'CONTINUE' button is at the bottom of the question area. On the left side, there is a 'PROGRESS' section showing '3 of 14 questions answered' and an 'Exit Exam' button. The bottom of the page features the 'ExamBuilder' logo and the text 'Powered by'.

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Logged in as **Your Name**

ETF4 Samples

Question 3 of 14

Your answer was NOT correct.
You must answer this question correctly to continue the exam.

[CONTINUE](#)

From Your Instructor

See LP25; 2:1 reeving reduces the loading on the sheave shaft, doubles the rotational speed of the machine for the same lift speed, and halves the loading on the ropes. However, it is double wrap, not 2:1 reeving which is used to increase the angle of wrap.

The effect of 2:1 reeving used on a gearless lift machine is...
(Note that more than one (but not all) of the statements may be required)

- a To double the rotational speed of the machine for the same lift speed
- b To halve the loading on the ropes
- c To reduce the loading on the sheave shaft
- d To increase the angle of wrap on the traction sheave

[CONTINUE](#)

PROGRESS

3 of 14 questions answered

[Exit Exam](#)

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The Structure of the End Test

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Structure of the End Test

[illegible]

The End Test will ask 30 questions taken from across the whole set of Learning Packages and the sections of the Course Reference Book which have been cross referenced from the Learning Packages

Bank of up to
160 questions

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Structure of the End Test

[illegible]

Question bank is split into 15 or 30 groups or 'pools' covering the whole unit

Bank of up to 160 questions

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Structure of the End Test

[illegible]

One or two questions
taken from each 'pool'
to create an individual
End Test of 30 questions

Bank of up to 160 questions

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Structure of the End Test

[illegible]

Candidates on the same unit
each get a different set of
questions from the question bank

Bank of up to
160 questions

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Types of End Test Question

Two basic types of question :

- Multiple choice
- Fill in the blank

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Multiple Choice Questions

- Multiple choice questions will have between 2 and 5 alternative answers to choose from
- You may be asked to choose the required answer from amongst the alternatives ie 1 from 4

or

- You may be asked to choose more than one answer from amongst the alternatives:
(Note that more than one (**but not all**) of the following may be correct)
- Be sure you know what the question is asking for
- In the end test, some credit is given for “part correct” answers (unlike the CMA’s where only completely correct answers will score)

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Multiple Choice Questions

- Some Multiple choice questions will have 2-5 statements which you must analyse and determine whether or not they are correct (or incorrect) or some other attribute
- You will be asked to choose the required answer from amongst the alternatives;
eg 'Statement x is CORRECT but Statements y and z are INCORRECT'
- Be sure you know what the question is asking for:
Correct, Incorrect, Complete, Incomplete, True, False,

“Fill in the Blank” Questions

- May ask you for a standard lift parameter relevant to your unit, e.g.

“The maximum permitted gap between car and landing sills is
..... mm”

- May ask you for the outcome of a calculation relevant to your unit, e.g.

“The rotational speed of the traction sheave is given by the expression

$$n_2 = \frac{60V_R}{\pi D}$$

where D is the sheave diameter and V_R is the rope speed. For rated speed 1.6m/s, 1:1 reeving and motor speed 920rev/min, if the speed reduction ratio is 55:4, then accurate to ± 1 mm, the diameter of the traction sheave must be mm”

The End Test Day

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Test Centre Notification

LEIA New Distance Learning Course

Mr AN Other
1 Any Road
Any Town
Anyshire
AN1 NE1

LEIA
33-34 Devonshire Street
London
W1G 6PY
020 7935 3013



13/12/2013

End Test Centre

Your End Test/ s will take place on **09/01/2014**

A reminder of your login and password are given below. On the day you will be given the Access Code you will need to sign on to the test. The Centre address and phone contact is also below and a map is attached. Please ensure you arrive in good time to prepare yourself to undertake the End Test. You will have 40 minutes for the MSH4 End Test, and TWO hours for other unit End Tests.

Candidate N°	Unit	Unit Title	Test Time	Login	Password
5000000	GT1F3	Introduction to Lift Technology	1400 - 1600	ANOther@Hotmail.co.uk	othe50000

London NW
Pitman Training
15 Watford Way

End test Centre Phone N°
020 8202 4188

London
NW4 3JL



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Member of the
European Lift Association



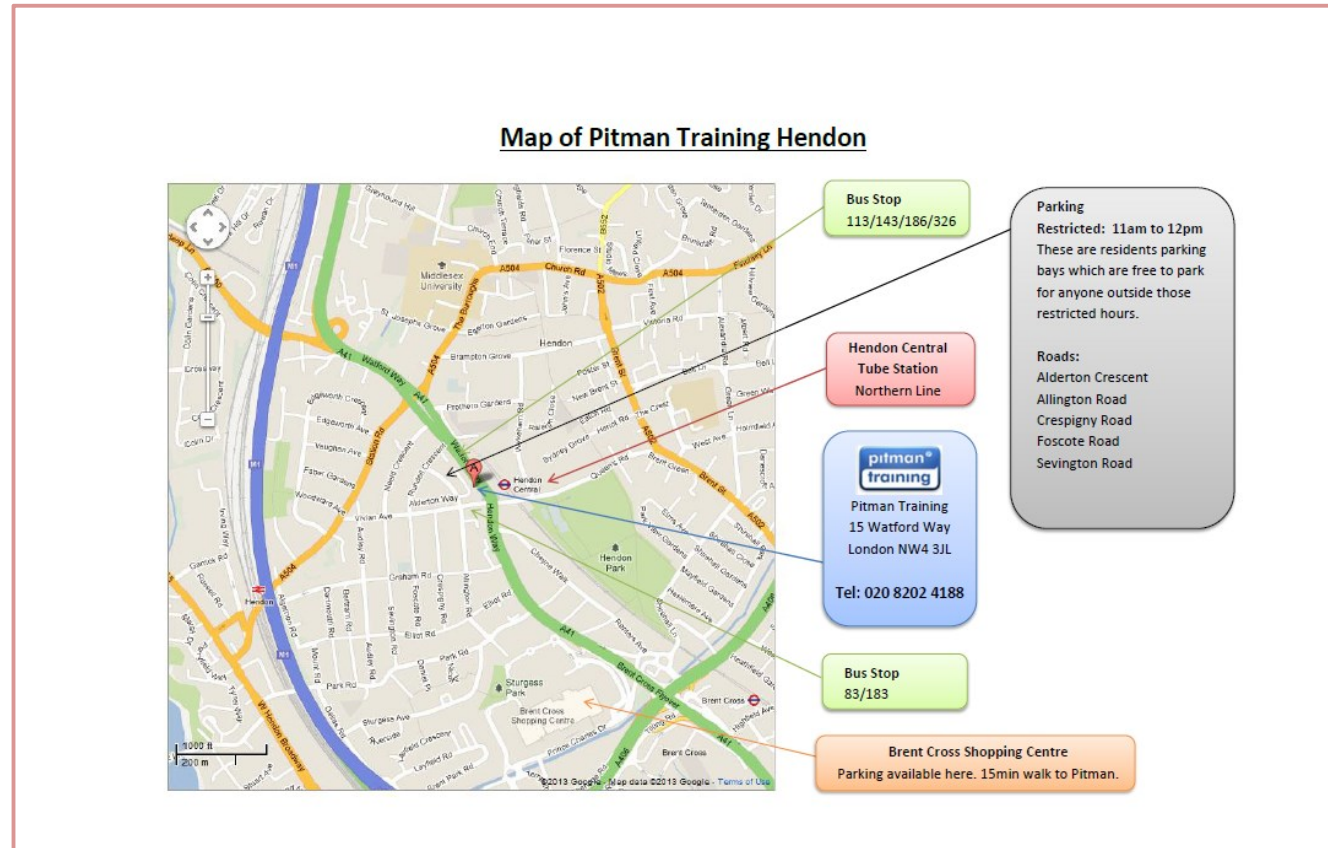
Registered in England N° 3851206.
Registered office as above.



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Test Centre Notification




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Instructions to Candidates

<https://testing.exambuilder.com>



April 2013

LEIA EDUCATIONAL TRUST
NEW DISTANCE LEARNING COURSE

END TESTS
INSTRUCTIONS TO CANDIDATES

You will be advised of the test location date and time by e-mail. Your login details are the same as for the CMA. You must make a note of the webpage address for logging-in:
<https://testing.exambuilder.com>

It is suggested that you arrive at the examination room 10-15 minutes before the scheduled start of the test session to ensure that you are settled in and allow time for checking of your proof of identity documents and completing attendance slips.

You must provide photographic proof of identity. Acceptable forms are:

- A current Passport
- A current photocard Driver's Licence (not Provisional)
- An officially issued identity card with a Proof of Age Standards Scheme (PASS) hologram*
- National Identity cards issued by other governments.

Company identity cards, birth/ marriage certificates, bank cards and passbooks, paper Driver's Licences, are not acceptable. If you do not provide satisfactory proof of identification, you will not be permitted to take the test. If this causes difficulty, please contact the LEIA Examinations Office.

Please leave your photograph identification on your desk during the test and remember to take it with you when you leave.

You should avoid bringing into the examination room any bags, books, relevant papers, etc. If bags are brought in for security, they must be placed such that they are visible to the invigilator and are not available to you. You must not use the Learning Packages, Course Reference Book or any other textbook or notes.

You must not bring mobile phones into examination rooms.

You may bring non-programmable calculators, pens and pencils, rulers, technical drawing equipment and rubbers. Rough work is permitted on plain paper provided by LEIA.

You may not leave your test within the first half hour, nor in the last quarter of an hour of the examination session.

Normally no candidate may be admitted to the examination room after the first half hour. However, if candidates turn up after this and no other unaccompanied candidate on that test has left the room between the end of the first half hour and their arrival, they may be admitted at the invigilator's discretion. If you are excluded because other students have already left the test, you should contact the LEIA Examinations Office as soon as possible. There is no obligation to allow a late candidate additional time at the end of an examination to make up for that lost through late arrival.

There must be no collusion between candidates. You are not permitted to speak to other candidates or make contact of any sort during the period of the test.

*Please Page 2

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Next Review Date: April 2015

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Bring Your ID



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Bring Your ID



Lift & Escalator Industry Association

33-34 Devonshire Street London W1G 6PY

Tel: 020 7935 3013 Fax: 020 7935 3321

E-mail: enquiries@leia.co.uk

Website: www.leia.co.uk

Date: 4th September 2013

LEIA Identification Certificate

Name:	Mr Bean
Candidate No:	500000000
End Test:	Managing Safely for LEIA
Centre:	Pitman Hendon
Test Date:	5 th September 2013

Certified:

Lawrence Dooley
Safety and Training Manager
lawrence.dooley@leia.co.uk
Mob: 07801 867 718



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European Lift Association



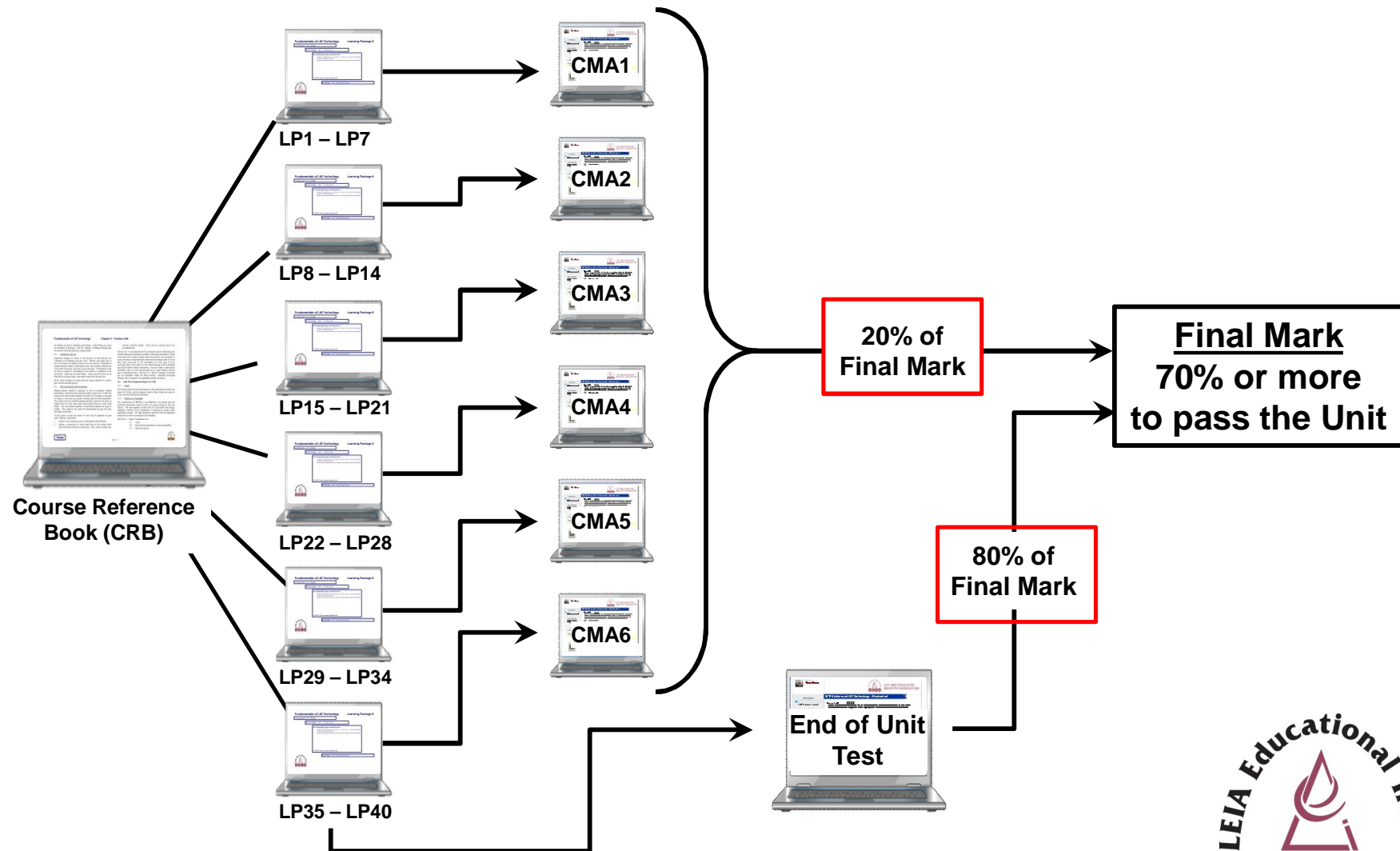
Registered in England N° 3051206.
Registered office as above.



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Structure of the Study Programme



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Structure of the Study Programme

Consider a Candidate achieving a total of 38 questions correct from 60 in all six CMA and 25 questions correct from 30 in the End Test.

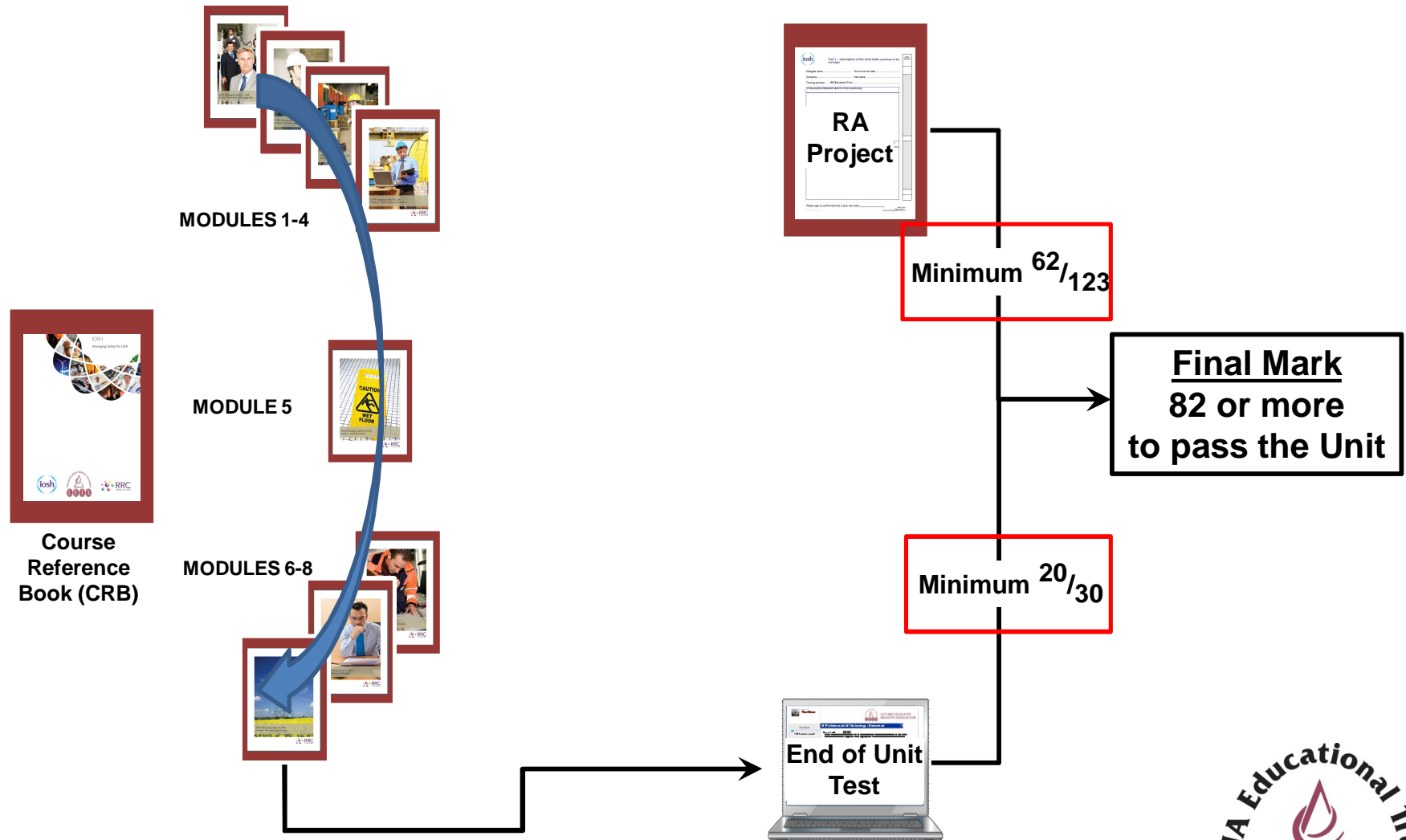
Scoring Opportunity	Score	% of score	Weighting	Final Score
CMA	38/60	63%	20% (0.2)	$63\% \times 0.2 = 12.67\%$
End Test	25/30	83%	80% (0.8)	$83\% \times 0.8 = 66.67\%$
			TOTAL:	$12.67 + 66.67 = 79.34\%$
				PASS

You will also see that each CMA is worth a maximum 3.33 ($20\% \div 6$) of the final score. A candidate scoring, say 70% in the CMA1 will have achieved 70% of 3.33 = 2.33% of the final score.

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Structure of the Study Programme



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If you've followed through this slide show, and also read the Study Guide in your Learning Materials Pack, your Unit of Study shouldn't have too many surprises in store!

By undertaking this study, you are making an important contribution to raising, even further, the high standards of technical quality and excellence of your industry.

We hope that you'll find your Unit informative, interesting and enjoyable, and we wish you every success in your studies.

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