

Pearson Edexcel IAL in Information Technology



100% externally assessed



Exams in June

Pearson Edexcel IAL IT is a modular qualification, designed to be studied over two years, with the option of a one-year IAS level course. Results of the IAS qualification can contribute to the overall IAL grade.

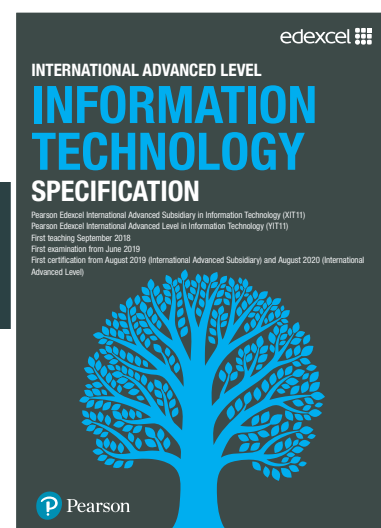
Students will:

- engage with web and database design in a practical, externally-assessed examination. This allows students to apply in a practical way the knowledge and understanding they gain in the classroom
- discover how to plan and implement an IT project and learn about key areas such as emerging technologies, the online environment and systems analysis and design.

The aims and objectives of this qualification are to enable students to develop:

- essential knowledge and understanding of different areas of the subject and how they relate to each other
- competence and confidence in developing practical skills, such as developing coding for the web and relational databases
- their interest in and enthusiasm for the subject, including developing an interest in further study and careers associated with the subject.

For further information and to download the specification, visit qualifications.pearson.com/ialinfotech2018



IAS in Information Technology: Content & Assessment Overviews

The Pearson Edexcel IAS in Information Technology consists of two externally-examined units.

The IAS is the first half of the IAL qualification and consists of two IAS units: Unit 1 and Unit 2. This qualification may be awarded as a discrete qualification or may contribute 50 per cent to the International Advanced Level qualification.

IAS: Unit 1		
Unit code: WIT11/01	50% of the total IAS	25% of the total IAL
Written examination: 2 hours	80 marks	Availability: June

Content overview	Assessment overview
Students must study all of the following topics: <ul style="list-style-type: none"> ● Topic 1: Hardware and software ● Topic 2: Networks ● Topic 3: The online environment ● Topic 4: IT systems ● Topic 5: Data and databases ● Topic 6: Wider issues. 	<ul style="list-style-type: none"> ● Students are assessed through a 2-hour written examination, set and marked by Pearson. ● Students must answer all questions. ● The examination paper may include multiple-choice, short-open, open-response and extended-writing questions. ● The examination assesses all assessment objectives.

IAS: Unit 2		
Unit code: WIT12/01	50% of the total IAS	25% of the total IAL
Written examination: 3 hours	80 marks	Availability: June

Content overview	Assessment overview
Students must study all of the following topics: <ul style="list-style-type: none"> ● Topic 7: Understanding the functionality of HTML ● Topic 8: Understanding the functionality of CSS ● Topic 9: Understanding the functions of Javascript ● Topic 10: Designing web pages ● Topic 11: The semantic web. 	<ul style="list-style-type: none"> ● Students are assessed through a 3-hour examination, including practical and theoretical questions, set and marked by Pearson. ● Each student will need to access a computer during the examination. ● Students must answer all questions. ● The examination paper may include short-open, open-response and extended-writing questions. Data files will be provided for some questions. Some responses will be written, others will involve the submission of files. ● The examination assesses all assessment objectives.

IA2 in Information Technology: Content & Assessment Overviews

The Pearson Edexcel IAL in Information Technology consists of four externally-examined units.

The International Advanced Level consists of the two IAS units (Unit 1 and Unit 2) plus two IA2 units: Units 3 and 4. Students wishing to take the International Advanced Level must, therefore, complete all four units.

IA2: Unit 3		
Unit code: WIT13/01	50% of the total IAS	25% of the total IAL
Written examination: 2 hours	80 marks	Availability: June
Content overview	Assessment overview	
Students must study all of the following topics: <ul style="list-style-type: none"> ● Topic 12: Manipulating data ● Topic 13: Enabling technologies ● Topic 14: Using IT systems in organisations ● Topic 15: Systems development ● Topic 16: Emerging technologies. 	<ul style="list-style-type: none"> ● Students are assessed through a 2-hour written examination, set and marked by Pearson. ● Students must answer all questions. ● The examination paper may include short-open, open-response and extended-writing questions. ● The examination assesses all assessment objectives. 	

IA2: Unit 4		
Unit code: WIT14/01	50% of the total IAS	25% of the total IAL
Written examination: 3 hours	80 marks	Availability: June
Content overview	Assessment overview	
Students must study all of the following topics: <ul style="list-style-type: none"> ● Topic 17: Use of features of database solutions ● Topic 18: Relational database concepts ● Topic 19: Database solutions. 	<ul style="list-style-type: none"> ● Students are assessed through a 3-hour examination, including practical and theoretical questions, set and marked by Pearson. ● Each student will need to access a computer during the examination. ● Students must answer all questions. ● The examination paper may include short-open, open-response and extended-writing questions. ● The examination assesses all assessment objectives. 	

Throughout the course of the IAL, students will:

- demonstrate knowledge and understanding of the concepts of information technology
- apply knowledge and understanding of the concepts of information technology
- analyse and evaluate information technology problems
- use analysis and evaluation to design solutions.