



Mayfield School
being the best that we can be

FACULTY OF
BUSINESS &
COMPUTING

GCE ICT

EXAM BOARD

AQA

SYLLABUS NUMBER

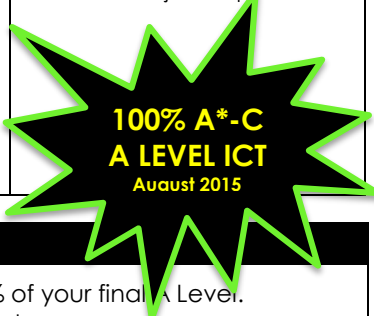
2520

WHAT WILL I STUDY?

In a world that is constantly changing and evolving, students will need the capacity to think creatively, innovatively, analytically, logically and critically. At key stage 5 students will engage with a course that allows them to build on the skills learnt in GCSE and develop a deeper knowledge of key concepts of topics such as emerging technology and solving real-world problems with IT systems. The course follows an AS/A Level in ICT, which encourages students to become discerning users of ICT.



AS	September- May		A2	June-May
Unit 1: INFO1 Practical Problem Solving in the Digital World	Unit 2: INFO2 Living in the Digital World	Unit 3: INFO3 The Use of ICT in the Digital World	Unit 4: INFO4 Coursework: Practical Issues Involved in the Use of ICT in the Digital World	
<ul style="list-style-type: none"> ✓ The key content for this unit is: <ul style="list-style-type: none"> • Health and safety in relation to the use of ICT systems • Analysis • Design of solutions • Selection and use of input devices and input media • Selection and use of storage requirements, media and devices • Implementation of ICT-related solutions • Testing of ICT-related solutions • Evaluation of ICT-related solutions 	<ul style="list-style-type: none"> ✓ The key content for this unit is: <ul style="list-style-type: none"> • An ICT system and its components • Data and information • People and ICT systems • Transfer of data in ICT systems • Safety and security of data in ICT systems • Backup and recovery • What ICT can provide • Factors affecting the use of ICT • The consequences of the use of ICT 	<ul style="list-style-type: none"> ✓ The key content for this unit is: <ul style="list-style-type: none"> • Future developments • Information and systems • Managing ICT • ICT strategy • ICT Policies • Legislation and regulations • Developing ICT solutions • Development methods • Techniques and tools for systems development • Introducing large ICT systems into organisations • Training and supporting users • External and internal resources 	<ul style="list-style-type: none"> ✓ The key content for this unit is: <ul style="list-style-type: none"> • Background and investigation • Analysis and deliverables • Design and planning for implementation. • Testing and documentation of the implementation • Evaluation of the implemented solution • The Project Report 	



ASSESSMENTS (Exam Board)

- ✓ Unit 1 and 2 are two 1 hour 30 minute written examinations; each unit is worth 25% of your final A Level.
- ✓ Unit 3 is a 2 hour minute written examination which is worth 30% of your final A Level.
- ✓ Unit 4 is a coursework project report, marked by centre and moderated by AQA and is worth 20% of your final A Level.

WHY SHOULD I TAKE THIS SUBJECT?

The choice is absolutely yours, but here are a few reasons outlining why you should take the subject:

- ✓ ICT is an **essential skill** required in the majority of today's business and industry.
- ✓ If you want to **develop** your general ICT skills.
- ✓ If you are **enjoy** using ICT and are interested in the use of ICT across society.

USEFUL RESOURCES

Textbooks:

- Essential ICT A Level: AS and A2 Student Book for AQA, Stephen Doyle, Folens

Useful Websites:

- www.computerweekly.com
- <http://www.bbc.co.uk/news/technology>

WHO CAN I TALK TO?

- ✓ Ms Hashmi (Faculty Leader of Business and Computing)
- ✓ Mrs Nwokolo (Subject Lead for Computing)
- ✓ Mr De Bique (Teacher of Computing)

You can email the department for more information at:
computing@mayfieldschool.net

POSSIBLE JOB ROUTES

- ✓ Computer Games Tester
- ✓ Web designer
- ✓ E-learning developer
- ✓ Systems Analyst
- ✓ Database Administrator
- ✓ Information technology consultant



Last year, August 2015, **ALL** ICT students achieved a grade C or above in A Level ICT. Two thirds of the class went on to study an ICT/Computer Science related degree at uni!