

# GCE Applied ICT

The GCE in Applied ICT is one of a new family of vocationally focused GCEs. It is ideal if you do not want to take a purely academic-style GCE. You get the best of both worlds by gaining a respected GCE qualification that encompasses a 'real-world' vocational approach.

Prior study for GCSE or OCR National in ICT may be of benefit to you. The GCE in Applied ICT provides a broad introduction to the subject and prepares you for study in further or higher education. The qualification attracts UCAS points in the same way as ordinary GCEs.

## Units of Study

- Unit 1 - Using ICT to Communicate**
- Unit 2 - How Organisations Use ICT**
- Unit 3 - Solutions for Individuals and Society**
- Unit 9 - Project Management**
- Unit 11 - Interactive Multimedia Products**
- Unit 14 - Developing Websites**

For more information please contact the ICT department at Longbenton Community College on 0191 218 9500.

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## What do you study?

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Chairman and CEO, salesforce.com

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Computer programmers are in great demand by American businesses, across the tech sector, banking, entertainment, you name it. These are some of the highest-paying jobs, but there are not enough graduates to fill these opportunities.

Marc Rubio  
Senator, Florida

If you can program a computer, you can achieve your dreams. A computer doesn't care about your family background, your gender, just that you know how to code. But we're only teaching it in a small handful of schools, why?

Dick Costolo  
CEO, Twitter

Learning to write programs stretches your mind, and helps you think better, creates a way of thinking about things that I think is helpful in all domains.

Bill Gates  
Chairman, Microsoft

Every student deserves the opportunity to learn computer programming. Coding can unlock creativity and open doors for an entire generation of American students. We need more coders -- not just in the tech industry, but in every industry.

Mark Pincus  
CEO and Founder, Zing

The programmers of tomorrow are the wizards of the future. You're going to look like you have magic powers compared to everybody else.

Gabe Newell  
Founder and President, Valve

Our policy at Facebook is literally to hire as many talented engineers as we can find. There just aren't enough people who are trained and have these skills today.

Mark Zuckerberg  
Founder, Facebook

Whether we're fighting climate change or going to space, every thing is made forward by computers, and we don't have enough people who can code. Teaching young people to code early on can help build skills and confidence and equip the classroom with learning-by-doing opportunities. I learned how to fly a hot air balloon when I was 10, but I just got up and fly. Life is a delicate balance: you can learn skills at any age but why wait when we can teach everyone to code now.

Richard Branson  
Founder, Virgin Group

Creating things with your hands, or creating code, creating programs, are just different ways to express creativity.

Elena Silenok  
Founder, Clothia

Whether you want to uncover the secrets of the universe, or you just want to pursue a career in the 21st century, basic computer programming is an essential skill to learn.

Stephen Hawking  
Theoretical Physicist, Cosmologist, and Author

I'd like to advocate for computer coding to be an institution in the public school systems right next to biology, chemistry, physics, etc. If we want to spur job growth in the US we have to educate ourselves in the disciplines where jobs are available and where economic growth is feasible.

Ashley Ketcher  
Actor

I'm so excited to see the launch of Hour of Code in the UK, in this, the Web's 25th birthday year. Learning to code gives you a completely new perspective when you look at a computer. Before, you think of it as an appliance -- like a fridge -- accepting what it can do. After, you know that you can code that computer to do anything you can imagine it doing. That's a massive change ... and a massive challenge!

Tim Berners Lee  
Inventor, World Wide Web

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