

ABOUT ADA, THE NATIONAL COLLEGE FOR DIGITAL SKILLS

Our Mission

Ada works with industry to design and deliver an education that empowers all its students, especially women and those from low-income backgrounds, to progress into highly skilled digital roles and lead flourishing lives.

Our Theory of Change

The College is an engine for social mobility and aspires for the tech sector to represent the diversity of the population. To kick-start this change, Ada will recruit 50% of its students from low-income backgrounds and 50% young women by 2022.

Our Beliefs

In a world that is increasingly coded, digital skills are the key enabler of success. But its guarantor will be the ability to combine them with the curiosity, creativity, rigour, resilience and collaboration to adapt to the changing structures and needs of our world.

Ada Lovelace

We named the college after Ada Lovelace (1815 – 1852) as she represents many of the defining traits we seek to foster in our students. She was a British computing pioneer who defied convention. She was a collaborator who combined her numerical ability with creative flair.

Ada was the first person to recognise and communicate the potential of computers to help solve many of the world's problems and improve people's lives. In the same vein, we aspire for our well-rounded students to be equipped to use technology to have a positive impact on the world.

All of this leads through to:

Intended Learning Outcome

Our students are empowered to define their own pathway, to fulfil their digital career ambitions and lead flourishing lives.

6th form Curriculum:

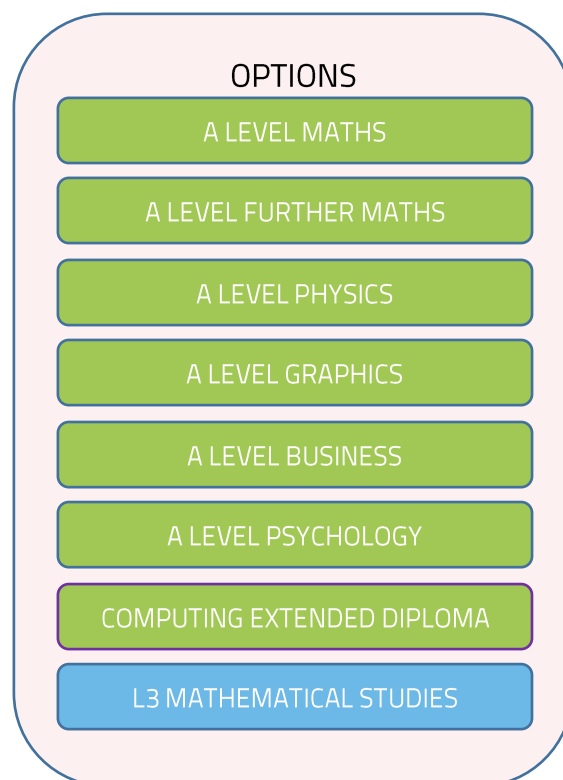
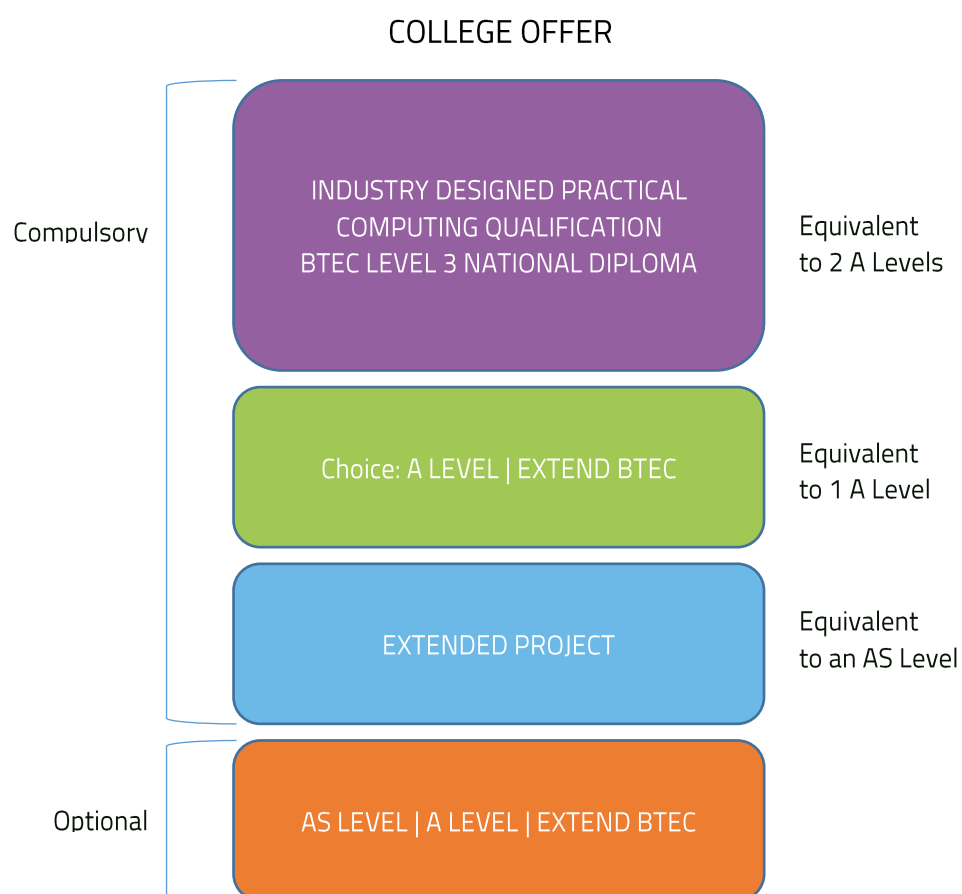
The college opened in September 2016 with 58 students in Year 12, our aim is to recruit up to 100 students into Y12 for 2017. We anticipate growth over the next 5 years to over 1000 students including our 19+ offer. The 6th form curriculum at Ada is a mixture of the new BTEC Level 3 in Computing and a range of A Levels. It has been designed to enable a wide range of students to access and benefit from its provision.

All students study the BTEC Level 3 National Diploma in Computer Science, equivalent to 2 A Levels as the core 'digital skills qualification'. This provides scope for the College to design a curriculum that goes beyond the standard level 3 qualification and can have greater industry focus. It is intended that the assignments and content of the course will in parts be nearer in demands to a level 4 qualification. This will enable us to stretch our students and prepare them fully for the next steps in their career. A distinguishing feature of the college is that content is often delivered through a project based learning approach with industry partners participating in feedback to students at the end of projects.

All students also select another option. This will be one (or more) A-Levels or a continuation of the BTEC to a full extended diploma. Students studying the equivalent of 3 A Levels can opt to study a Level 3 certificate in Mathematical Studies as an extra subject.

All students will also study for an Extended Project Qualification, equivalent to half an AS Level. This will allow the students to work on their own projects, either individually or within a group. Students may be able to form their own start-ups from this qualification and the College facilities will support the incubation of these ideas, potentially post sixth form.

Further enrichment opportunities including trips, clubs, career support and coaching are available to all students.

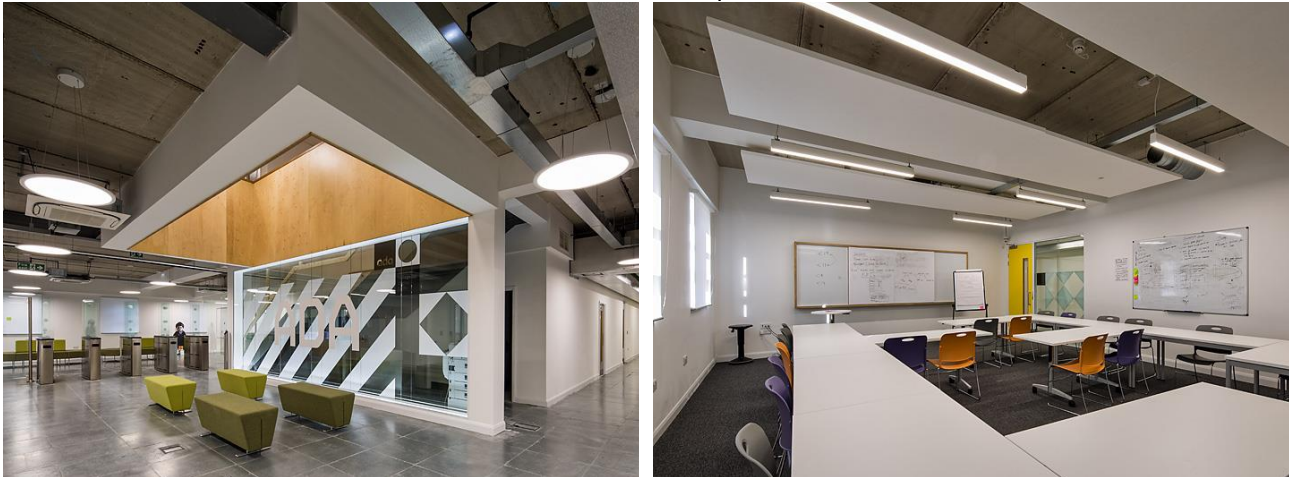


All students will be expected to retake GCSE Maths or GCSE English if they have not already achieved a good pass (grade 4 in 2017/18). This may also restrict options choices.

Location:

The college is currently based at stunning newly refurbished premises at Broad Lane, Tottenham Hale, N15 4AG, a short walk from Tottenham Hale tube and rail station. In 2019 we will move to custom built new premises at Ashley Road, directly opposite the station. The station is approximately 10 minutes by Victoria Line to London King's Cross St Pancras, or 15 minutes by rail to Liverpool Street station.

Broad Lane campus



Ashley Road campus, scheduled for opening in 2019.