



Teach secondary computer science

Computer Science Accelerator Programme

The Computer Science Accelerator professional development programme is designed for those teaching or wanting to start teaching GCSE computer science. It offers:

- The subject content knowledge required to teach key stage 4 computer science, with topics including python programming and cybersecurity
- Flexible learning and personalised professional development through a combination of face-to-face and online courses
- Access to free online course
- Access to free quality assured and curriculum linked resources
- Generous bursaries for schools to support participation in face-to-face CPD

What face-to-face courses are available?

- Python programming for GCSE computer science
- Algorithms in GCSE computer science
- Networks and cybersecurity in GCSE computer science
- Data and computer systems in GCSE computer science

More information is at: <https://teachcomputing.org/cs-accelerator>

Bursary support

Teachers in state-funded education are eligible for **bursaries of up to £1,500**, paid to the school including support to attend two face-to-face courses (up to four days in total).

More information is at: <https://teachcomputing.org/bursary>

Our courses are offered at three venues - during both term time and Easter/summer schools, providing opportunity for intensive learning.

Thomas Alleyne's School, High St, Stevenage SG1 3BE

[Python programming essentials for GCSE computer science](#) (course code **CH203)**

This professional development aims to take you from novice programmer to competent teacher of Python programming.

Day 1: Wednesday 17 June (13:00-18:00) Day 2: Wednesday 1 July (13:00-18:00)

[Algorithms in GCSE computer science](#) (course code **CH200)**

This course centres on the core search and sort algorithms; exploring how they manipulate data structures and comparing the relative efficiency of different methods.

Day 1: Thursday 25 June (13:00-18:00) Day 2: Thursday 9 July (13:00-18:00)

To book, go to www.stem.org.uk/cpd [and search for the course code.](#)

University of Hertfordshire Computing Easter School,
De Havilland Campus, AL10 9EU

[Python programming essentials for GCSE computer science](#) (course code **CH203)**

This professional development aims to take you from novice programmer to competent teacher of Python programming.

Day 1: 7 April (08:30-13:30) Day 2: 8 April (08:30-13:30)

[Algorithms in GCSE computer science](#) (course code **CH200)**

This course centres on the core search and sort algorithms; exploring how they manipulate data structures and comparing the relative efficiency of different methods.

Day 1: 7 April (13:00-18:00) Day 2: 8 April (13:00-18:00)

To book, go to www.stem.org.uk/cpd [and search for the course code.](#)

University of Hertfordshire Computing Summer School,
De Havilland Campus, AL10 9EU

[Python Projects for GCSE computer science](#) (course code **TBC)**

Day 1: Wednesday 22 July (09:30-15:30) Day 2: Thursday 23 July (09:30-15:30)

To register your interest in this course email ncce@herts.ac.uk

[Algorithms in GCSE computer science](#) (course code **CH200)**

Day 1: Monday 27 July (08:30-13:30) Day 2: Tuesday 28 July (08:30-13:30)

[Networks and cyber-security in GCSE computer science](#) (course code **CH202)**

Day 1: Monday 27 July (08:30-13:30) Day 2: Tuesday 28 July (08:30-13:30)

To book, go to www.stem.org.uk/cpd [and search for the course code.](#)