

Bursary
Available

A one-stop shop for computing education

Computer Science Accelerator Programme: 2 day courses

Algorithms for GCSE Computer Science

Day 1: 13/01/2020
Day 2: 06/02/2020

Summary: Become skilled in using formal maths and logic to design algorithms, be able to trace algorithms and find and fix errors. Understand sort and search algorithms and how to compare the efficiency of the different algorithms.

Python programming essentials for GCSE Computer Science

Day 1: 14/01/2020
Day 2: 07/02/2020

Summary: Gain confidence to plan, write and test efficient Python programs, understand how to use control flow statements and use data structures. Be able to find errors and debug code.

Data and Computer Systems for GCSE Computer Science

Day 1: 27/02/2020
Day 2: 23/03/2020

Summary: Become confident in the components of a computer, what they do and how they work together. Understand how the processor works, including the fetch-decode-execute cycle. How and why computers translate commands into machine code.

Networks and cyber-security for GCSE Computer Science

Day 1: 04/03/2020
Day 2: 30/03/2020

Summary: Gain knowledge of the hardware and software systems that make up a network, looking at topologies, protocols and applications used for data transfer. Understand computer security, including measures to guard against threats and help to inform students to make them safer online.

**Come and take part in this fantastic programme at
Beamont Collegiate Academy's STEM Centre, Warrington, WA2 8PX**

All courses are bursary supported for state-funded schools. CS Accelerator programme forms part of the criteria towards to Certificate in GCSE Subject Knowledge.

Follow us on Twitter: **@HubNcce**

For any enquiries please contact the Hub directly on:
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