

# COMPUTING, ELECTRONICS AND ROBOTICS 2024 (RESIDENTIAL)

**Course Availability: Places are only available now to those students issued with a sponsored place code.**

From driverless cars to the internet of things - robotics, computing and electronics impact every aspect of our lives and their influence will shape our futures. Robotics is about designing and building machines that can be programmed by computer and controlled electronically by humans.

On this five-day course, you will stay at the University of Southampton and interact with industry experts, gaining hands-on experience in computing and electronic engineering. This course is for Year 12 England and Wales, S6 Scotland and Year 13 Northern Ireland.

The course will be delivered by academics from the University of Southampton, one of the UK's leading robotics centres, and generously sponsored by Amazon. Further support is provided by SourceBots, a not-for-profit organisation which runs robotics challenges for teenagers.

*'I thoroughly enjoyed designing, creating, and improving my land rover and I found it really helped me develop my creativity and problem-solving skills, in addition to improving my communication, listening and leadership skills.'* **Computing, Electronics and Robotics Course Student 2023**

## This event includes the following:

- Use the university's state-of-the-art facilities, including the nanofabrication centre and high voltage laboratories
- Work with like-minded young people on projects at the cutting edge of computer science and electronic engineering
- Develop key skills that will enhance your CV and UCAS application, including team building, leadership, communication, and time-management
- Spend five days living and studying at one of the UK's leading universities, to gain an invaluable insight into student life in preparation for your next step in education
- Meet and interact with professionals working for Amazon, the multinational technology company



## WHEN

05 Aug - 09 Aug 2024

Start time: 10:00 hrs

Finish time: 16:00 hrs



## WHERE

University of  
Southampton



## COST

£520\*

\* If cost is a barrier please see our FAQ for more details.