

## 2021 Summer Engineering Online Courses

The Smallpeice Trust 2021 Summer Engineering online courses enable young people to find out more about different engineering careers, get hands on with interactive projects and learn live from industry experts and academics.

The courses for Year 8 (S2 Scotland, Year 9 NI) to Year 12 (S6 Scotland, Year 13 NI) cover a wide range of subjects and are at a subsidised price of £200 – made possible by our partners and founder, Dr Cosby Smallpeice.



# YR10 PHYSICS IN ENGINEERING (GIRLS ONLY) ONLINE COURSE

On this online course for current Year 10s (S4 Scotland and Yr 11 NI), join the experts from University of Birmingham for four interactive days of online masterclasses and engaging group workshops.

You'll be introduced to a range of cutting-edge applications of physics and engineering, showing the potential of studying maths and physics at A Level.

Each afternoon you will explore interesting physics and engineering challenges. It will be fun, exciting and open up a world of possibilities for future study and careers in the fields of physics and engineering.

Each day will have a theme and be led by a team of experts.

### WHEN

26 July - 29 July 2021

Start time: 09:30 hrs

Finish time: 16:00 hrs

### WHERE

Delivery by University of Birmingham with any kit sent in advance via post.

### COST

**FREE** for girls attending a non-selective state school.

### You'll get to:

- Explore particle physics, nuclear engineering, space weather and astrophysics.
- Work on fascinating physics and engineering challenges.
- Develop team working and communication skills.
- Find out about the exciting careers studying maths and physics can lead to.
- Take part in virtual tours of the University of Birmingham and meet current physics students.