

## AGRI-TECH ENGINEERING 2024 (RESIDENTIAL)

Are you ready to dive headfirst into the world of cutting-edge farming technology? Get ready to equip yourself with practical skills that will set you apart, unleash your creativity, and make a real difference in the future of agriculture on our Agri-Tech 2024 residential course.

Join us this year for an exciting journey supported by the NFU Mutual Charitable Trust and the Douglas Bomford Trust. This unique course will open your eyes to the possibilities of sustainable farming practices while ensuring long-term food security for the UK. You'll dive into an immersive experience using robots, helping you to unleash your creative programming and practical skills as you tackle real-world challenges aimed at feeding the world efficiently while minimising environmental impact.

Agri-Tech 2024 is for Year 10 students in England and Wales, S4 students in Scotland, and Year 11 students in Northern Ireland – come join us and be a part of shaping the future of agriculture!

### **This event includes the following:**

- Programme a robot for navigation in a field
- Design and build a seed planter
- Through experimentation and/or mathematically determine the optimum seed spacing to allow plants to thrive
- Attach the seed planter unit to a robot
- Test drive the robot and seed planter to endure correct operation



### WHEN

30 Jul - 01 Aug 2024

Start time: 10:00 hrs

Finish time: 16:00 hrs



### WHERE

Harper Adams  
University



### COST

£345\*

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

[Book this course](#)