

Digital and IT

Exploring Robotics

This course builds on your experience of programming robots and does so by providing more complex challenges for your electronic partner! Write a program for a robot to navigate around a map, to stop at programmed points, and to record its journey.

When does this start and end?

- 20 March 2025 - 11 April 2025

What are the entry requirements?

No formal requirements; students will require a familiarity with writing JavaScript code, ideally by completing the college's Introduction to Programming course. They will also need to be familiar with programming robots, ideally by completing the college's Robotics with the Microbit and More Robotics with the Microbit courses.

Need more information?

You can find out more about Northern College and the courses on offer by calling us on 01226 776000 or emailing us courses@northern.ac.uk

What can this course lead to?

The course will provide practical experience of writing code for Virtual Reality and could be used to demonstrate suitability for courses in further or higher education.

Want to learn more?

You can find out more about Northern College and the courses on offer at one of our Open Events [<https://www.northern.ac.uk/open-events/>]

Location

On-site

Course session dates

Session dates for 20 March 2025 - 11 April 2025

- Thursday 20 Mar 2025 to Friday 21 Mar 2025
- Thursday 27 Mar 2025 to Friday 28 Mar 2025
- Thursday 03 Apr 2025 to Friday 04 Apr 2025
- Thursday 10 Apr 2025 to Friday 11 Apr 2025

Last updated: 22nd January 2025