

MATRIX YORK COLLEGE CASE STUDY



York College is part of the Yorkshire & Humber Institute of Technology. The Institute of Technology is part of a government initiative for the College to work alongside local employers to understand what the skills needs are and then look at how the curriculum can be tailored to meet those needs. Through the Institute of Technology, employers will have the opportunity to support the content of courses and help ensure that students' skills are up-to-date and relevant for the workplace. In recent years, York College have invested in equipment from Matrix covering Robotics, Mechanical Engineering and Electrical Engineering, including our Electrical Machines kit.





“ At York College we invested in various equipment across many ranges. The Matrix Allcode Robot Arm is the perfect tool to compliment our new Institute of Technology Manufacturing Centre. Students obtain first hand experience in controlling the movements and activities of a robot arm similar to those widely used at manufacturing companies across Yorkshire. Starting with the simplest method of control using G code and a virtual pendant, each student develops a programming sequence as required in Industrial Robot Technology within the Advanced Manufacturing Engineering qualification. Our students then take this knowledge and progress on to level 4 / 5 qualifications, and of course, learn more about robotic control using other programming languages, in which they will be attempting to control an industrial robot arm on our new manufacturing line simulation. The Matrix Allcode Robot Arm provides the perfect solution to understanding robot control within a very enjoyable learning experience whilst in a very safe environment.”

Tony Pollard, York College, United Kingdom

