

Level 3 Extended Diploma in Engineering

What will happen in my first week? During induction you'll meet all the Engineering team. You'll be shown around the college and made aware of all the college student services and facilities. You'll receive a timetable so you'll know exactly what the following weeks will look like and where in the IDEA Centre your lessons will take place. You'll take part in a range of activities that will help you to understand the course and get to know the other students in your class.



What can I look forward to in my first year? All learning in Engineering will be contextualised within the industry and introduce you to a wide range of career possibilities and sectors. You'll have the opportunity to take part in industry visits, talks and workshops. You'll be based in the IDEA Centre; our state of the art facility. Throughout the course, you'll have access to our industry standard CAD suites, Electronics and materials laboratory.

Do I need to buy any equipment or kit? You must bring a scientific calculator and stationery to all your lessons. You don't need to purchase specific PPE; however, steel toe caps boots may be required on industry placements and visits.

Who will teach me? We have a highly experienced team specialising in Aeronautical, Automotive, Electrical and Mechanical Engineering, Quality, Design and Maths

What will I study in my first term? You'll start the examination units; Principles and Product Design. You'll complete the first coursework unit, on rotation throughout the year. These are: PLCs, Materials and Programming.

Are there any books I need to buy or useful websites I should look at? The recommend books to help with revision for the externally examined units are:

BTEC National Engineering Revision Guide: [Pearson REVISE BTEC National Engineering Revision Guide inc online edition - 2023 and 2024 exams and assessments: for home learning, 2022 and 2023 ... exams \(REVISE BTEC Nationals in Engineering\): Amazon.co.uk: Buckenham, Andrew, Medcalf, Kevin, Midgley, David, Walsh, Victor: 9781292150284: Books](#)

BTEC National Engineering Revision Workbook: [BTEC National Engineering Revision Workbook: for home learning, 2022 and 2023 assessments and exams \(REVISE BTEC Nationals in Engineering\): Amazon.co.uk: Buckenham, Andrew: 9781292150277: Books](#)

