EMS6
THE ENGLISH MARTYRS SIXTH FORM COLLEGE, HARTLEPOOL

Hartlepool College
of Further Education

Elite Engineering Programme

“This is a great partnership that brings together two of the town’s best colleges and utilises each of our specialties. Mathematics from English Martyrs and Hartlepool College of Further Education’s specialty in engineering.”

Stephen Hammond, Headteacher of English Martyrs

Hartlepool College of Further Education and English Martyrs Sixth Form College have joined forces to provide a pioneering course aimed at nurturing the region’s top engineering students.

The two colleges have produced a programme to provide the ultimate learning experience for engineering students. The course will be a mix of high-level academic learning, mixed with quality hands-on training and experience working with some of the best engineering institutions in the North East.

“I truly believe there is no better offer for students wanting to become engineers in this region.The academic achievement of pupils at English Martyrs is exceptionally high, as is the award-winning vocational achievements of students at Hartlepool College of FE”

Darren Hankey, Principal of Hartlepool College

What is the programme?

This programme has three key elements: vocational offer incorporating a Level 3 Extended Diploma in Engineering, an academic offer of an A-Level in Mathematics and industry experience in the form of an extended industry placement.

Who is it for?

This course is aimed at school leavers progressing from their GCSE studies with high attainment in mathematics and science, and a desire to progress towards further study at a university, higher education establishment or as a higher level apprentice with an employer.

Students must demonstrate they have:

- a minimum of six GCSEs at Grade 6 or above, including a Grade 8 or 9 in GCSE Mathematics.
- the ability to pass an engineering entry test, successfully complete an interview and obtain a reference from their current tutor/head of year/head of department as to their suitability for the programme.

How is it delivered?

A variety of teaching strategies will be employed in delivering this qualification, dependent upon the unit content. This may include classroom based lessons and group activities. Teaching and learning activities will take place in a range of specialist facilities, laboratories and classrooms. Taught sessions may be delivered at Hartlepool College of Further Education or English Martyrs Sixth Form College.

The extended industry placement will be delivered in one of the region’s leading engineering companies.

How is it assessed?

A Level Mathematics - is assessed at the end of 2 years of study and is 100% exam. During the course, students will sit regular, internal assessments (at least 1 per half term) as well as completing regular, weekly homework.

Extended Diploma Engineering - assessment is at unit level and will consist of a variety of assessment instruments, including assignment work, practical work, presentations and time-constrained tests. All assessments are criterion referenced and students are informed of the grading criteria in advance.

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Where can you progress from this programme?

These are highly desirable qualifications that will create a wide variety of progression options. Upon successful completion of this programme of study, learners will hold qualifications that are recognised nationally by further and higher education establishments, as well as employers and other stakeholders. The combined Level 3 Extended Diploma in Engineering and A-Level Mathematics will carry UCAS points which, dependent on final grading, will enable students to progress to the country's best higher education courses and degree apprenticeship opportunities.

Added extras

- An industry placement with one of the region's leading engineering companies.
- Visit the country's leading universities.
- Take part in the UKMT Individual Maths Challenge as well as competing in the UKMT Maths Team Challenge.

How to apply:

1. Submit a letter of interest and a copy of the attached application form to **richard.davison@hartlepoolfe.ac.uk**
2. If your initial application has been successful you will be invited to interview.
3. At interview you will be required to submit a reference from your current tutor/head of year and to undertake an engineering entry test.
4. Successful applicants will be notified shortly after their interview date.

For more information on...

Engineering aspects
contact Richard Davison |richard.davison@hartlepoolfe.ac.uk

Mathematics
contact Colette Hogarth | CHogarth@ems.hartlepool.sch.uk

Careers and Progression
contact Laura Main | laura.main@hartlepoolfe.ac.uk