

HNC in Automotive Engineering (Motorsport)

Ofsted Outstanding Provider

Course Level: Level 4 | **Campus: Stafford** | **Subject Type: Construction & Engineering**

Course Overview:

Are you fascinated by the racing industry and see yourself working in the motorsport engineering? The BRAND NEW HNC in Motorsport Engineering offers an opportunity to study towards a university-level course in mechanical engineering and discover the latest motorsport technologies. This programme focuses on solving real-world engineering problems and helps you become a skilled design engineer.

What's Covered:

Higher National qualifications in Motorsport offer the following:

- an exciting and informative study programme that stimulates and challenges students
- a simple and flexible structure that enables students to take the Higher National Certificate and then build on it in the Higher National Diploma, with optional units linked to their specialist area of study
- an opportunity for students to follow specialist routes of interest at Level 5, gaining the knowledge and skills they need to progress to higher education or employment in their specialist area
- core competencies developed throughout the curriculum, to support lifelong learning skills for personal and professional development
- the opportunity for centres to offer assessments that consider cognitive skills (what students know) along with effective and applied skills (how they behave and what they can do) to support a practical and dynamic approach to learning
- unit-specific assessment and Pearson-set themes designed to encourage thorough and analytical learning, challenge students and develop skills in critical thinking, personal responsibility and decision-making
- a flexible approach to assessment that supports progression to higher education or work and allows for different learning styles
- quality assurance measures that assure professional organisations, universities, businesses, colleges and students of the integrity and value of the qualifications, and
- a programme of learning designed to meet skills gaps in the current workforce and build today's talent to meet tomorrow's needs in an international environment.

Units Delivered:

Engineering Design or Engineering Mechanics and Materials
Engineering Mathematics
Engineering Science

Fluid Mechanics
Managing a Professional Engineering Project Or Professional Engineering Practice Note: These are Pearson-set units.
Race Car Design and Manufacturing

Thermodynamics
Motorsport Workshop Practices

Plus 30 credits from any two units selected from Optional units for Motorsport pathway at Level 4.

If you're looking accelerate your career and have a passion for Motorsport, then this is the course for you. There are full time and part time course options available to suit your needs.

Entry Requirements:

We look forward to welcoming learners with passion, dedication and commitment to learning at a higher level. To study this course you must be over 18 years old and have four GCSEs including mathematics and English or equivalent, and a Level 3 qualification or equivalent. Mature candidates (over 21 years of age) who can evidence a relevant work experience portfolio would be favourably considered and academic requirements may be waived, please contact our HE advisor for more information. All prospective students will be interviewed and assessed individually.

Assessment Information:

Unit-specific assessment that supports progression to higher education or work and allows for different learning styles.

Fees and Financial Support:

There are two types of loans to help students cover the costs of their higher education course in college - tuition fee loans and living cost loans (also called maintenance loans). You pay these loans back when you finish your course and earn over £25,000. If you earn less than that, you won't have to repay anything. If you're earning more than that, we'll work out your repayments at 9% of your income over that amount.

Maintenance loans are only available to students studying on a full-time basis. They are not available for students studying on a part-time basis. For more details visit nscg.ac.uk/finance

Progression:

On successful completion of the course you gain a widely recognised Level 4 qualification. You will be able to demonstrate a range of subject specific skills as well as general skills and qualities relevant to employers. You could progress onto a HND or 'top-up' degree or further professional qualification in the Engineering and Motorsport industry. Alternatively you may wish to pursue employment opportunities in the area.

How do I find out more?

Not ready to apply yet? Why not give us an email with any questions you may have, and we'll aim to get back to you as soon as possible. We'll be able to provide further information on the course and advise on whether the course is right for you, and we can take it from there. Please contact Adam Edwards, Course Leader, at adam.edwards@nscg.ac.uk.