

Study Mode:

**Full-time (equivalent to 2 days a week) or part-time (equivalent to 1 day a week)**

Programme Length:

**2 years full-time/  
3 years part-time**

Programme Location:

**Oxford & Cherwell Valley College -Bicester Campus**

Year of entry:

**September 2012**

Home/EU fee:

**£6,000 per year (full-time)/£4,000 per year (part-time)**

UCAS code:

**H338**

Institution code:

**066**

## Foundation Degree in **Motorsports-Performance and Automotive Technology**

The programme is awarded by Oxford Brookes University and delivered by Oxford & Cherwell Valley College

### **Why choose this programme?**

The Foundation Degree (Science) in Motorsports - Performance and Automotive Technology has been developed by Oxford & Cherwell Valley College at our Bicester Campus and Oxford Brookes University as preparation for a range of careers in the motorsport industry. The UK motor industry employs thousands of graduates each year and has a highly successful motorsport sector.

You will be working, or expecting to work, in a motorsport environment. You will want to gain a higher level qualification in relation to your skills and knowledge and to build on any experience you have of the motorsport or related industries.

### **Summary of programme**

This programme has been developed in consultation with local motorsport employers in order to meet regional priorities for higher level skills shortages. The qualification is validated by Oxford Brookes University.

As well as being enrolled at Oxford & Cherwell Valley College you will also be registered and enrolled with Oxford Brookes University and so will benefit from the same facilities and services as on campus students. These include: use of Brookes' libraries, Centre for Sport and Students' Union, study support and mentoring and professional advice and information from Brookes' Career and Employment Centre.

“

The on-line resources are particularly good, as are the workshops and library. We get a high level of support from tutors and technicians, who are very knowledgeable and always available to help

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OXFORD  
BROOKES  
UNIVERSITY

ASSOCIATE COLLEGE  
PARTNERSHIP

OXFORD  
& CHERWELL VALLEY  
COLLEGE

## Programme content

Please note that as programmes are reviewed regularly, the module list may vary from that shown here

### Level 4

- Engine Technology
- Graphics and Design
- Engineering Science
- Basic Mathematical Methods I
- Managing Resources
- Composite Materials Technology
- Manufacturing Technology
- Work-based Assessment

### Level 5

- Computer-aided Design
- Vehicle Technology
- Performance Engineering
- Vehicle Electrical and Electronic Systems
- Road and Race Car Aerodynamics
- Basic Mathematical Methods II
- Project (double)

## Teaching and Learning experience

Throughout the programme, you will:

- participate in lectures, seminars and workshops which will develop your knowledge and understanding of issues related to your role in the Motorsports environment
- work in groups to examine and discuss issues
- compile portfolios
- work with a wide range of practical resources, including appropriate computer hardware and software and
- undertake projects to benefit your employers and your own professional development.

Approximate number of teaching & learning hours over the duration of the programme	Fig 1
Guided learning hours	900
Independent study	1350
Placements	150

## Assessment methods (fig. 2 & fig. 3)

During each module you will undertake assignments which will count towards the assessment of the module. Some modules are assessed entirely by assignments; a few, however, also require you to take a timed examination. All modules are designed to enable you to engage in new areas of knowledge, acquire practical experience of a range of activities relevant to your employment within the motorsports industry and encourage you to engage in critical reflection.

You will participate in lectures and workshops, plan and deliver presentations to your peers, research areas of relevance to the degree programme, critically evaluate the validity and implications of information and work with a wide variety of computer hardware and software.

During the programme you will develop transferable skills in self-management, learning, communication and problem solving, teamwork and information technology. These skills will help you to meet changing circumstances, whether these arise from a shift in your own area of employment, promotion to supervisory or management roles, or from general changes in the motorsport industry.

## Resources

You will be provided with a suitably equipped place to work when attending college, which will include access to specialist staff, IT facilities and other learning resources which will be appropriate for the nature of work you will be required to undertake. Additionally, the College offers a wide range of other resources and facilities which will be available to you, further details of which can be found in the Higher Education Student Handbook.

Our centre houses industry-standard workshops which include:

- Fabrication and welding - featuring the latest TIG welding technology
- Engineering machining - including CNC machining and material testing
- Composites - featuring a full size Autoclave

Fig 1 - Teaching and learning activity

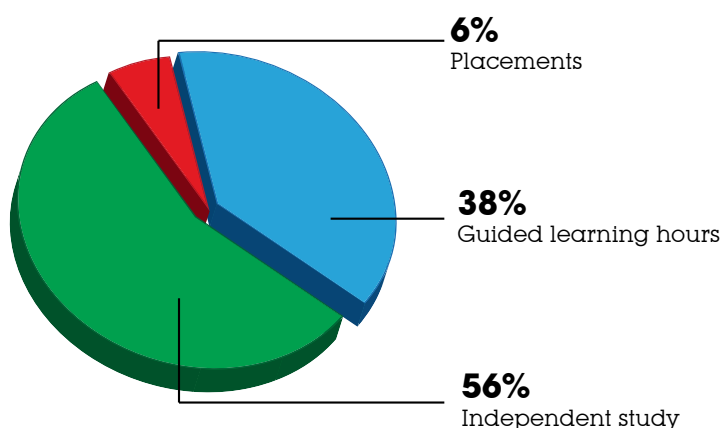
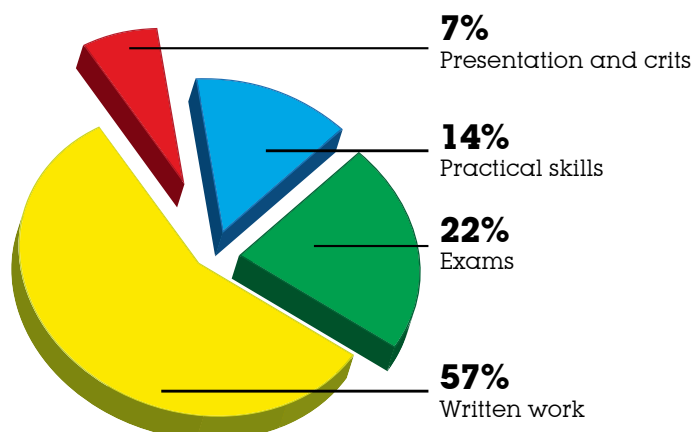


Fig 2 - Proportion of assessment methods: Level 4



- Hand fit workshops
- Computer Aided Design - with 2D and 3D software and Computational Fluid Dynamics
- Motorsport workshop – including sub-assembly and engine rebuild with numerous open wheeled cars from numerous formulas
- Specialist projects workshops.

### Study Support

If you do not have a recognised disability or specific learning difficulty, but feel that you require additional support with your studies, you may be eligible to access some discrete sessions in one of the following areas:

- Assistive software training
- IT upskilling
- Essay planning and structure
- Proof reading and editing written work
- Bibliographies and referencing
- Time management and personal organisation
- Revision and exam tips
- Presentation techniques

N.B. Your eligibility for any of the above support will be reviewed with your course tutors and a member of the study support team on your campus.

### Entry requirements

Entrants to the Programme should normally possess the following:

#### Either:

- a minimum of two years' relevant work experience and a current role in an appropriate workplace setting, and
- a line manager's letter of support and recommendation

#### Or:

- a minimum of one pass at A-level or 6-unit Vocational A-level, plus three passes at GCSE (grades A–C), or O-level (grades A–C) normally including Mathematics and English Language

- a National Certificate or Diploma or other equivalent qualifications, such as GNVQ/NVQ or other Level 3 vocational qualifications.

A typical offer would be a Grade C at A-level in either Mathematics or Physics or a BTEC National Diploma at merit level.

### Admission with Credit

Applicants with prior certificated or experiential learning may be admitted with credit for up to a maximum of 120 credits at level 4.

### English Language Requirements

Applicants whose first language is not English must also demonstrate that their level of English is acceptable, by achieving a score in a recognised test such as:

- British Council IELTS: normally minimum level 6.0 overall with a minimum of 6.0 in the reading and writing components;
- TOEFL minimum score of 550 paper-based or 213 computer-based or 80 internet-based.

### What you can progress to

The Foundation Degree in Motorsports - Performance and Automotive Technology will equip you with the knowledge, understanding and skills required for success in current and future employment or for progression to an honours degree. Students who successfully complete the FdSc in Motorsports - Performance and Automotive Technology are able to progress to the final year of the BSc (Hons) Motorsport Technology programme at Oxford Brookes University.

### How to apply

Full-time applicants should apply via UCAS. Please log on to: [www.ucas.ac.uk](http://www.ucas.ac.uk)

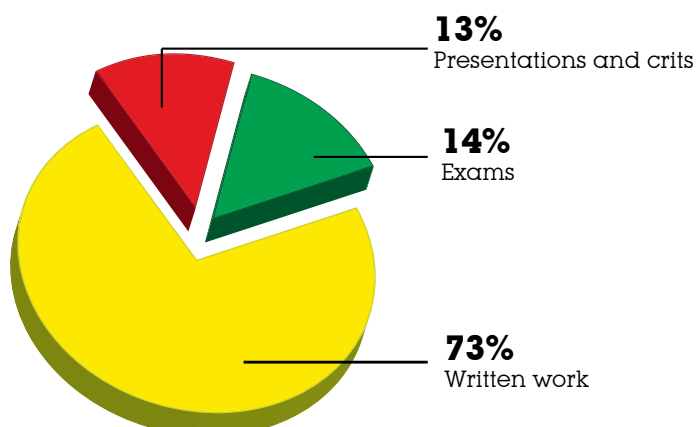
UCAS code: H338

Institution code: 066

Part-time applicants should apply directly to OCVC.

Visit [www.ocvc.ac.uk](http://www.ocvc.ac.uk) to download an application form, or call 01865 550 550 for more information.

**Fig 3** - Proportion of assessment methods: Level 5



## Fees information

For details on fees please contact one of our friendly customer service advisors on **01865 550550** or email **uni@ocvc.ac.uk**

Home/EU Fee: £6, 000 per year (full-time)/£4,000 per year (part-time)

International Fee: TBC

For further details on fees and financial help please contact one of our friendly customer service advisors on **01865 550550** or email **uni@ocvc.ac.uk**

## Accommodation

As a new Oxford Brookes student, you will be able to apply for halls of residence at the University. Once you have accepted an offer for the Foundation Degree Motorsports - Performance and Automotive Technology from the college, you will be sent a confirmation letter.

The Accommodation Letter which contains a password that will enable you to apply online for halls of residence will be sent out shortly after that. If you require a paper application form or further details, please contact the Accommodation Office on **01865 484660** or email **hallapplications@brookes.ac.uk**

## Oxford Brookes Scholarships & Bursaries

Community Scholarships

Oxford Brookes University offers Community Scholarships of £1,000 in the first year and £500 in years 2 and 3.

To be eligible, you must be at a state-maintained secondary school or college of further education in our catchment area. You must also have firmly accepted a place on a foundation degree programme at Oxford & Cherwell Valley College, and demonstrate one or more of the following:

- Acting as a successful role model to other students at your school
- Commitment to study
- Potential to succeed
- Overcoming of personal or social difficulties.

## Transition from Care Bursaries

Students who are eligible for a national grant for living costs, and who have spent a period of time from the age of fourteen in local authority care, are eligible for an additional Transition from Care Bursary of up to £2,000 per annum.

For further information please visit:

**[www.brookes.ac.uk/acp/prospective-students/bursaries](http://www.brookes.ac.uk/acp/prospective-students/bursaries)**

## Further information

Visit [www.ocvc.ac.uk](http://www.ocvc.ac.uk) or contact our Customer Services team on **01865 550550** or e-mail **enquiries@ocvc.ac.uk** for further details. Oxford & Cherwell Valley College, FREEPOST (OF2194) Oxpens Road, Oxford OX1 1SA

## NSS (National Students Survey) Results 2010/11

These results are based upon responses from students studying at all levels and modes of study within the programme. The survey was undertaken by the College using the standard NSS statements.

Statement	% of Agreement	
	College results	National results
Staff are good at explaining things	98%	86%
Staff have made the subject interesting	97%	82%
Overall, I am satisfied with the quality of the programme	100%	82%
I have received sufficient advice and support with my studies	94%	78%
Feedback on my work has been prompt	80%	76%
Feedback on my work has helped me to clarify things I did not understand	77%	74%
The library resources and services are good enough for my needs	94%	79%
I have been able to access general IT resources when I needed to	84%	83%

## Other indicators of quality

External Examiner comments 2010/11

- The work-based learning opportunities provided for students are, in the main, excellent with students obviously getting real-world experience at appropriate levels.
- The work-based learning is assessed comprehensively, and the relevant modules are valuable experience for students.
- I feel that the team should be commended on the breadth and quality of the work-based learning experience that the students receive.