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ALTERNATIVE FORMATS

The college endeavours to provide the prospectus in alternative formats such as large print. If you would like to receive the prospectus in an alternative format, please contact the Information, Advice & Guidance Team on **01895 853333**.

The information in this prospectus was correct at time of publication.

Uxbridge College issues this information as a general guide to its policies and facilities and reserves the right to modify or alter, without prior notice, any of the contents herein or otherwise advertised.

The college regularly reviews its offer, and therefore courses, qualifications, facilities and fees may be subject to change.

Please contact the Information, Advice & Guidance team on **01895 853333** or visit our website for the latest information.



THE BENEFITS OF HIGHER EDUCATION

HNC and HND qualifications are a great way to build on your knowledge and skills, helping you to develop your future.

GAIN THE VALUABLE SKILLS DEMANDED BY EMPLOYERS

Our HE qualifications are designed around the needs of employers and offer practical skills to prepare you for work in industry. They can help you progress in your career or put you in a highly competitive position in a new area of work. Many businesses appreciate that HNC/HND Diploma courses are tailor-made to meet industry requirements. Many professional bodies offer exemptions on professional courses for students with HE qualifications, so they are a great head start for your future career path.

UNIVERSITY-LEVEL COURSES WITHOUT HIGH FEES

Don't let the cost of HE put you off studying. The fees for our high-quality courses are below the UK average so you can take advantage of a cost-effective way to study, without compromising on quality. For full information on fees and costs please visit uxbridgecollege.ac.uk/he

HE QUALIFICATIONS ON YOUR DOORSTEP

Avoid the expense of relocating to university and finding the money for living costs, by studying locally. Our courses are usually held over two or three days per week, giving you the opportunity to combine your study with your personal commitments.



HIGH-QUALITY COURSES

Uxbridge College's higher education courses were reviewed in 2012 by the Quality Assurance Agency for Higher Education, who safeguard standards and improve the quality of higher education in the UK.

The Integrated Quality and Enhancement Review (IQER) had confidence in our standards and quality, with ten points of good practice.



UK Quality Assured

Reviewed 2012

STUDYING AT UXBRIDGE COLLEGE

Studying a higher education course at Uxbridge College is a great start. Our courses are focused on equipping you with the knowledge and practical skills you need to excel in your chosen field.

Studying a higher education course at Uxbridge College is a great start. We offer BTEC Level 4 HNC Diplomas and BTEC Level 5 HND Diplomas.

BTEC LEVEL 5 HND DIPLOMA

HNDs are full-time courses studied for two or three days per week, over two years. They have been designed with career development in mind, providing skills that are useful for employment or further study. This can be the equivalent of one or two years of university study and enables students to progress onto the second or third year of a university degree course or continue with other professional courses.

BTEC LEVEL 4 HNC DIPLOMA

HNC courses are equivalent to the first year of an HND. They are designed to fit with work and other commitments and provide a recognised route onto an HND, other higher level study or into employment.

COMBINE THEORY WITH PRACTICAL SKILLS

Our courses combine theory with valuable practical experience and are the equivalent of up to two years of study at university. After gaining your qualification at Uxbridge College you will be equipped for the world of work and may also have the opportunity to top up your studies at university to gain a full honours degree.

STAFF WITH EXPERT KNOWLEDGE

Our highly qualified lecturers have a wealth of industry experience to share. With theory and knowledge of the workplace, plus practical help to enable you to get real hands-on skills, there is no better way than learning straight from the professionals!

DEVELOP YOUR SKILLS

HE students will develop many skills which employers demand and these are important for graduates entering into a competitive and fast-moving job market. Aside from studying a subject specialism, HE qualifications can also develop:

- ▶ self confidence
- ▶ communication
- ▶ flexibility
- ▶ an analytical mind
- ▶ self motivation
- ▶ personal organisation.

CLASSES FOCUSED ON YOU

With smaller class sizes than those at university you will receive high-quality teaching and focused support within the classroom.



BUILDING ON YOUR SUCCESS

Whether you are looking for a pathway to a degree course or to gain the skills you need for the workplace, we will help you get there.

PARTNERSHIPS TO HELP YOU PROGRESS

Our partnerships with HE institutions including Buckinghamshire New University, University of West London, Middlesex University, University of Greenwich and University of Westminster, have already benefited many students who have gone on to top up their qualifications and achieve full honours degrees.

CAREERS & COURSE ADVICE

Studying university level qualifications can help you improve your career and educational opportunities. Access support and advice on your next steps with the help of our experienced Information, Advice and Guidance staff. The college is a member of the Association of Graduate Careers Advisory Service (AGCAS) providing students with access to a range of advice and guidance to help you progress.

PROGRESS TO UNIVERSITY

Students have progressed onto the second or final year of a degree course at the following universities:

- ▶ University of Hertfordshire
- ▶ Kingston University
- ▶ Middlesex University
- ▶ University of Greenwich
- ▶ University of Westminster
- ▶ University College London
- ▶ Brunel University London
- ▶ London Metropolitan University
- ▶ London South Bank University
- ▶ Anglia Ruskin University
- ▶ University of West London
- ▶ University of East London
- ▶ University of Huddersfield
- ▶ University of Surrey
- ▶ Loughborough University
- ▶ Staffordshire University
- ▶ Bournemouth University
- ▶ University of Brighton
- ▶ Plymouth University
- ▶ University of Reading
- ▶ Buckinghamshire New University
- ▶ Oxford Brookes University
- ▶ Pearson College.



FACILITIES

Uxbridge College is based on two campuses, in Uxbridge and Hayes, which offer all the best facilities to help students achieve academic and vocational excellence.

Both campuses provide a refectory, student relaxation areas, a Learning Resources Centre and have benefited from more than £65m worth of investment in the last few years.

DEDICATED HE FACILITIES

To ensure you can access the right resources we provide a dedicated room (in Uxbridge) for use only by HE students. Facilities include access to free Wi-Fi, PCs, reference books and periodicals and you can get British Library loans on requested study texts. We also provide an HE lounge for relaxation between classes.



FACILITIES TO HELP YOU STUDY

Study when it suits you in the Learning Resources Centres (LRCs), located on both campuses. Our LRCs have the latest resources you need for your study, including: dozens of computers, a huge selection of reference books, periodicals and journals, educational DVDs and audio resources. We use a range of e-resources including Credo and E-brary, plus you can access specific course related information on Moodle – the college’s virtual learning environment.



SPECIALIST INDUSTRY FACILITIES

In the last few years we have continued to update our campuses in Uxbridge and Hayes, so you can expect to learn in well-equipped classrooms with the latest technology. Specialist facilities for our HE courses include industry-standard manual and robotic workshops for engineering, computer rooms with high spec machines and the latest software required for the games development industry.



STUDENT SUPPORT

We will help you prepare for university or a career, supporting you along the way with advice and guidance so you can realise your potential.

STRONG STUDENT SUPPORT

With an extensive range of support services the college can help you apply for further study, provide you with information on accessing financial assistance and offer careers guidance. For more information visit the Higher Education section of our website at uxbridgecollege.ac.uk/he

PERSONAL GUIDANCE

Our student support staff are on hand to offer help with any personal or practical problems you may have. They are available on both campuses and you can arrange a confidential appointment or just drop in.

INFORMATION, ADVICE & GUIDANCE

If you would like more details about our HE courses, or you would like some advice and guidance on what to do next, our Information, Advice & Guidance Team can help.

Contact them on **01895 853333** for more information or to arrange a time to drop into the Uxbridge Campus. The Information Centre is open Monday to Friday 9am to 5pm and Wednesday until 7pm.



FEES AND FINANCIAL SUPPORT

Don't let the cost of higher education put you off studying. We offer university level courses without university fees.

FEES

Tuition fees, available on our website at uxbridgecollege.ac.uk/he, are payable at the time of enrolment. In addition, all students are required to pay £5 for their college ID, material fees (these vary depending on the course), and a college registration fee of £35. Students may request to pay fees by instalments. Please contact the college Finance Office on 01895 853363 for more information.

Prices quoted are for the academic year 2016-17.

FINANCIAL SUPPORT

Financial help may be available depending on your individual circumstances. There are many types of help and what follows is a general guide to the main types of support that you may be able to access:

Tuition Fee Loan – all full-time students can apply for this loan through the Student Loans Company. It is paid directly to your university or college and has to be paid back once you are earning over a certain amount, as set by the government

Maintenance Loan for Living Costs – all full-time students can also apply to the Student Loans Company for a maintenance loan to help with living expenses. The amount you can borrow is dependent on your circumstances. As with the tuition fee loan repayments start when you are earning over a certain amount. Interest rates are low and are linked to inflation

Maintenance Grant for Living Costs – this is a non-repayable grant which may be available to some students, and is dependent on household income

Special Support Grant - this is a non-repayable grant which may be available to some students, depending on your personal circumstances

College HE Fund - if you are struggling with the cost for HE you may be able to gain some financial support through the college. To be eligible you should have already taken out a Student Finance Loan for your tuition and have good attendance.

For more information please contact Student Support on **01895 853535**.

This information is based on the financial support available to students from the UK studying on a full-time HE course.

For more information, to find out if you are eligible for financial support and to use the calculator to help you get an estimate of the funding you may be eligible for, visit:

www.gov.uk/studentfinance
<http://www.slc.co.uk/students.aspx>

Your Local Education Authority may also provide you with more information.

ENTRY REQUIREMENTS

Our entry requirements accommodate students that are progressing straight from further education and those that may have been out of education for some time.

- ▶ An applicant will typically need GCSE maths and English at grade C or above (or equivalent) and a UCAS Tariff score of 120-160 from a full Level 3 qualification such as BTECs, A Levels or an Access to Higher Education course. Please see individual course information for specific entry requirements.
- ▶ All students will be required to demonstrate capability in English at a standard equivalent to GCSE grades A*-C.
- ▶ Every application is considered on an individual basis and requirements may be varied in specific cases. Mature students with appropriate industry experience are encouraged to apply. Some courses will require additional criteria e.g., interviews, a test, portfolios, Disclosure and Barring Service (DBS) checks.
- ▶ Students with overseas qualifications are also welcome and will be considered individually. Please contact our International office for further details or email: international@uxbridgecollege.ac.uk
- ▶ BTEC Higher National qualifications are accredited for learners aged 18 years and over.



HOW TO APPLY

Applying for higher education couldn't be easier! If you need assistance with your application we are here to help.

If you need any assistance please contact the Information, Advice & Guidance Team who can help you with your application.

MAKING YOUR APPLICATION

► HND Courses

To apply for an HND course at Uxbridge College you will need to apply through UCAS who provide application services for entry to colleges and universities. The Information, Advice & Guidance Team can provide you with support and advice to help you with your application or you can apply directly through UCAS Apply at www.ucas.com

Once UCAS have processed your application the college will be in contact with you to arrange an interview, giving you the opportunity to find out even more about your course and what you will be studying.

► HNC and Teacher Training Courses

To apply for HNC and Teacher Training courses please visit our website at uxbridgecollege.ac.uk and search for the course you want to apply for. Please click the Apply Now button at the bottom of the course details to complete the application form.

For more information call 01895 853333 or visit the Higher Education section of our website at uxbridgecollege.ac.uk/he



BUSINESS MANAGEMENT

In the fast paced world of business, skilled people are always in demand. Whether you are starting your career in marketing, HR, finance or looking for that promotion at work, our Business higher education courses are for you.

- ▶ The majority of our students go on to a top-up degree at universities including Kingston University, Oxford Brookes University, Pearson College, University of Hertfordshire and University of Reading
- ▶ Previous students have gained a promotion at work or started their career in marketing or HR in multinational companies such as British Airways, Co-Op and Barclays
- ▶ We have excellent employer links and work with various companies including Autotask, Open Data Institute, British Airways and Basepoint to provide work experience and visit opportunities
- ▶ Take part in setting up your own business or events to raise money for charity. Last year students raised money for the Michael Sobell Hospice
- ▶ Our staff are industry specialists and working in a professional environment with like-minded people will give you the confidence and skills you need to move forward in your career.



BUSINESS

BTEC Level 4 HNC Diploma in Business

Duration: **1 YEAR**

Location: **UXB**

Code: **HC4BUF**

Gain the skills and understanding to enhance your existing business knowledge to give your career in marketing, HR or finance a boost.

Besides being a stand-alone qualification this course is for those who are in, or plan to enter employment in, a wide range of business related areas.

It is also ideal for students who wish to progress on to the 2nd year of a university degree course or complete the HND component of their higher national qualification.

ENTRY REQUIREMENTS

GCSE English language and maths at grade A*- C, plus 160 UCAS points in business or related subjects (A Level or BTEC). You will also need a tutor reference, a personal statement and to attend an interview.

Students with overseas qualifications are also welcome.

COURSE CONTENT

Core units:

- ▶ Business and the business environment
- ▶ Marketing essentials
- ▶ Human resource management
- ▶ Management and operations
- ▶ Management accounting
- ▶ Managing a successful business project.

Specialist units include:

- ▶ Business law
- ▶ Innovation and commercialisation
- ▶ Entrepreneurship and small business management
- ▶ Financial accounting.

WHERE NEXT

Further study:

Students passing the HNC course will be able to progress onto the BTEC Level 5 HND Diploma in Business at Uxbridge College, with a view to completing a full degree programme at university.

Career opportunities:

The HNC is a recognised qualification which can assist entry into the business sector. Job roles include: HR co-ordinator, marketing assistant or customer service assistant.

More information:

Students will attend college for 15 hours a week - over three days.

BUSINESS

BTEC Level 5 HND Diploma in Business

Duration: **1 YEAR**

Location: **UXB**

Code: **HDSBUF**

Develop your business knowledge and boost your career prospects by gaining a nationally recognised professional higher education qualification.

This course is for those who have completed a Level 4 HNC and wish to continue their studies at Level 5 and potentially progress on to university to complete a full (1 year 'top-up') degree programme or enter employment directly.

ENTRY REQUIREMENTS

GCSE English language and maths at grade A*- C, plus 160 UCAS points in business or related subjects (A Level or BTEC). You will also need a tutor reference, a personal statement and to attend an interview.

Please note external applicants will be assessed for suitability at the interview stage.

Students with overseas qualifications are also welcome.

COURSE CONTENT

Core units:

- ▶ Research project
- ▶ Organisational behaviour.

Plus choose optional units from the following areas:

- ▶ Accounting and finance
- ▶ Business and operations management
- ▶ Human resource management
- ▶ Marketing
- ▶ Entrepreneurship and small business management.

WHERE NEXT

Further study:

Students may gain credit for years 1-2 of a degree programme and progress to a related Honours degree. Many professional bodies also recognise the BTEC Level 5 HND Diploma for further professional study.

Career opportunities:

This course will prepare you for jobs in trainee management or junior managerial positions.

More information:

Students will attend college for 15 hours a week - over three days.

COMPUTING & INFORMATION TECHNOLOGY

The programme provides a thorough grounding in the key concepts and practical skills required in the computing sector, while providing opportunities for learners to gain a nationally recognised qualification to enter employment in computing and IT.

- ▶ You have the opportunity to progress onto the final year of a degree and can choose from a wide selection of prestigious universities including University College London, University of Westminster, University of Greenwich and University of Hertfordshire
- ▶ Industry expert teaching staff provide you with the skills you need to build your knowledge and experience to develop your career as an IT professional
- ▶ We support our students through smaller classes, equipped with industry standard IT equipment for your practical workshops, accompanied with industry recognised software you need for the course
- ▶ You have the opportunity to study for recognised professional qualifications such as CompTIA and Cisco
- ▶ Gain all the skills needed to go into industry as a desktop support engineer, IT support technician, programmer/software/web developer, network administrator or network engineer
- ▶ In the National Student Survey our students ranked us top for overall satisfaction with a 100% rating.



COMPUTING & INFORMATION TECHNOLOGY

BTEC Level 5 HND Diploma in Computing & Systems Development

Duration: **2 YEARS**

Location: **HAYES**

Code: **HD5COF**

Take your knowledge to the next level and develop high levels of technical competence for a rewarding career in this fast-moving industry.

ENTRY REQUIREMENTS

GCSE English and maths at grade C or above (or equivalent) and 120-160 UCAS points from a full Level 3 qualification such as BTEC, A Level or an Access to Higher Education course. Some knowledge of programming with an interest in IT is advantageous.

COURSE CONTENT

Mandatory units:

- ▶ Business skills for e-commerce
- ▶ Computer systems
- ▶ Employability and professional development
- ▶ Project design, implementation and evaluation.

Specialist units include:

- ▶ System analysis and design
- ▶ Website design
- ▶ Procedural programming
- ▶ Information systems in organisations
- ▶ Programming in Java
- ▶ Quality systems in IT
- ▶ Data analysis and design
- ▶ Data structure and algorithms
- ▶ Network security
- ▶ Local area networking technologies
- ▶ E-commerce strategy
- ▶ Web creation and management.

Actual units may be subject to change. The course will also develop a broad range of transferable skills, which include communicating, team work, planning & organising, problem solving, IT skills and numerical techniques.

WHERE NEXT

Further study:

BSc degree programmes and MSc programmes after suitable post-diploma experience.

Career opportunities:

Previous students have successfully gained employment in the following roles: network administrator, IT help desk, application developer, system support.

More information:

Students will attend college for 15 hours a week - over three days.

COMPUTING & INFORMATION TECHNOLOGY

BTEC Level 5 HND+ Diploma in Computing & Systems Development

Duration: **2 YEARS**

Location: **HAYES**

Code: **HD5CPF**

The HND+ programme follows the same syllabus as the Level 5 HND Diploma in Computing & Systems Development with the addition of four vendor qualifications to enhance your knowledge and career prospects.

ENTRY REQUIREMENTS

GCSE maths and English at grade C or above (or equivalent), plus 120-160 UCAS points from a full BTEC Level 3 qualification such as BTECs, A Levels or an Access to Higher Education course in maths, physics, engineering science, computer science, electronic systems or similar.

COURSE CONTENT

Mandatory units:

- ▶ Business skills for e-commerce
- ▶ Computer systems
- ▶ Employability and professional development
- ▶ Project design, implementation and evaluation.

Specialist units include:

- ▶ System analysis and design
- ▶ Website design
- ▶ Procedural programming
- ▶ Information systems in organisations
- ▶ Programming in Java
- ▶ Quality systems in IT
- ▶ Data analysis and design
- ▶ Data structure and algorithms
- ▶ Network security
- ▶ Local area networking technologies
- ▶ E-commerce strategy
- ▶ Web creation and management.

Actual units may be subject to change. The course will also develop a broad range of transferable skills, which include communicating, team work, planning & organising, problem solving, IT skills and numerical techniques.

The course also includes four vendor qualifications delivered over two years:

- ▶ CompTIA A+
- ▶ Network+
- ▶ Security+
- ▶ Cloud+.

WHERE NEXT

Further study:

BSc degree programmes and MSc programmes after suitable post-diploma experience.

Career opportunities:

An understanding of advanced technology puts you in an excellent position to take advantage of many employment opportunities in this fast-moving industry.

Previous students have successfully gained employment in the following roles: network administrator, IT help desk, application developer, system support.

More information:

Students will attend college for 15 hours a week - over three days.

ENGINEERING

Our aim is to equip learners with the knowledge and skills they need to take up the world's 21st century engineering challenges. We value contributions from our employers to meet their skills and professional needs.

- ▶ Learn in modern facilities including seven laboratories and workshops with excellent resources and software such as industrial robots, LabVIEW, PLC and laser cutting machine which provide our students and employers with the facilities they need to prepare them for industry
- ▶ Gain first-hand experience of the engineering industry by visiting various companies, exhibitions and participate in educational workshops with companies such as Keysight Technology, Sky UK Limited, Coca Cola manufacturing plant in London and NEC Birmingham
- ▶ After completing an HND many students have completed a BEng qualification from various well renowned universities such as Greenwich University, Hertfordshire University, Huddersfield University, Brunel University London, Loughborough University and Surrey University
- ▶ Successful completion of a BEng qualification has led to students securing full-time positions as engineers, lecturers and technicians in various industries.



ENGINEERING

BTEC Level 4 HNC Diploma in Electrical & Electronic Engineering (Part-Time)

Duration: **2 YEARS**

Location: **UXB**

Code: **HC4EED**

Develop higher levels of technical competence in this industry to give your career a boost.

ENTRY REQUIREMENTS

One A Level either in maths, physics or engineering, with grade A*-C or BTEC Level 3 Diploma at merit, pass or Extended Diploma at merit, pass, pass in Electrical/Electronic Engineering. You should have the unit 'maths for engineering technicians' at grade merit or above.

You should have GCSEs in English, maths and science (A*-C) or equivalent.

You will take a college test involving maths and general science/engineering.

COURSE CONTENT

Mandatory units:

- ▶ Analytical methods for engineers
- ▶ Engineering science
- ▶ Project design, implementation and evaluation.

Specialist units include:

- ▶ Combinational and sequential logic
- ▶ Electronic principles
- ▶ Utilisation of electrical energy
- ▶ Data communications and networks
- ▶ Further mathematics for technicians.

WHERE NEXT

Further study:

Go onto the BTEC Level 5 HND Diploma in Electrical/Electronic Engineering at Uxbridge College or study at university for a degree qualification.

Career opportunities:

The course will prepare students for positions of responsibility in the Electrical and Electronic Engineering industries.

Job roles include senior technicians, technical engineers or incorporated engineers.

More information:

Students will attend college on Thursdays between 9am - 5pm.

ENGINEERING

BTEC Level 5 HND Diploma in Electrical & Electronic Engineering

Duration: **2 YEARS**

Location: **UXB**

Code: **HDSEEF**

Take your studies and knowledge of electrical/electronic engineering to the next level and gain a higher education qualification to enhance your career prospects.

ENTRY REQUIREMENTS

One A Level either in maths, physics or engineering with grade C or above, or BTEC Level 3 Diploma at merit, pass, a BTEC Extended Diploma at merit, pass, pass in Electrical/Electronic Engineering plus the unit 'maths for engineering technicians' at grade merit or above, or a BTEC Level 4 HNC Diploma in Electrical/Electronic Engineering.

You should have GCSEs in English, maths and science (A*-C) or equivalent, plus you will take a college test in maths and general science/engineering.

COURSE CONTENT

Mandatory units:

- ▶ Analytical methods for engineers (mathematics)
- ▶ Engineering science
- ▶ Electrical and electronic principles
- ▶ Project design, implementation and evaluation.

Specialist units include:

- ▶ Computer programming techniques
- ▶ Electronic principles
- ▶ Utilisation of electrical energy
- ▶ Electrical, electronic and digital principles
- ▶ Combinational and sequential logic
- ▶ Data communications and networks
- ▶ Engineering design
- ▶ Further analytical methods for engineers
- ▶ Management of projects
- ▶ Telecommunication principles
- ▶ Further mathematics for technicians
- ▶ Digital and analogue devices and circuits.

WHERE NEXT

Further study:

Study at university to gain a BSc or BEng degree.

Career opportunities:

Engineering design and development, product development, installation and maintenance, project engineering, production planning and control and technical sales.

More information:

Students will attend college on Wednesday, Thursday and Friday between 9am - 5pm.

ENGINEERING

BTEC Level 4 HNC Diploma in Mechanical Engineering (Part-Time)

Duration: **2 YEARS**

Location: **UXB**

Code: **HC4MED**

Develop your skills and knowledge of mechanical engineering and turn your passion into a rewarding career.

ENTRY REQUIREMENTS

One A Level either in maths, physics or engineering with grade A*-C or BTEC Level 3 Diploma at merit, pass or Extended Diploma at merit, pass, pass in Mechanical Engineering. You should have the unit 'maths for engineering technicians' at grade merit or above.

You should have GCSEs in English, maths and science (A*-C) or equivalent.

You will take a college test involving maths and general science/engineering.

COURSE CONTENT

Mandatory units:

- ▶ Analytical methods for engineers
- ▶ Engineering science
- ▶ Project design, implementation and evaluation.

Specialist units include:

- ▶ Mechanical principles
- ▶ Business management techniques for engineers
- ▶ Further mathematics for technicians
- ▶ Materials engineering
- ▶ Advanced computer-aided design techniques.

WHERE NEXT

Further study:

Students can go onto the BTEC Level 5 HND Diploma in Mechanical Engineering at Uxbridge College.

Career opportunities:

The course will prepare students for positions of responsibility in the Mechanical Engineering industries.

Job roles include senior technicians, technical engineers or incorporated engineers.

More information:

Students will attend college on Thursdays between 9am - 5pm.

ENGINEERING

BTEC Level 5 HND Diploma in Mechanical Engineering

Duration: **2 YEARS**

Location: **UXB**

Code: **HD5MEF**

Develop your knowledge and take your studies to a higher level by studying a higher education course in mechanical engineering.

ENTRY REQUIREMENTS

One A Level either in maths, physics or engineering with grade A*-C, or BTEC Level 3 Diploma at merit, pass or Extended Diploma at merit, pass, pass in Mechanical Engineering plus the unit 'maths for engineering technicians' at grade merit or above, or a BTEC Level 4 HNC Diploma in Mechanical Engineering.

You should have GCSEs in English, maths and science (A*-C) or equivalent.

You will take a college test involving maths and general science/engineering.

COURSE CONTENT

Mandatory units:

- ▶ Analytical methods for engineers (mathematics)
- ▶ Engineering science
- ▶ Project design, implementation and evaluation
- ▶ Mechanical principles.

Specialist units include:

- ▶ Business management techniques for engineers
- ▶ Engineering design
- ▶ Materials engineering
- ▶ Fluid mechanics
- ▶ Engineering thermodynamics
- ▶ Advanced computer-aided design techniques
- ▶ Design for manufacture
- ▶ Quality assurance and management
- ▶ Further analytical methods for engineers
- ▶ Management of projects
- ▶ Managing the work of individuals and teams
- ▶ Further mathematics for technicians.

WHERE NEXT

Further study:

Study at university to gain a BSc or BEng degree.

Career opportunities:

Engineering design and development, product development, installation and maintenance, project engineering, production planning and control and technical sales.

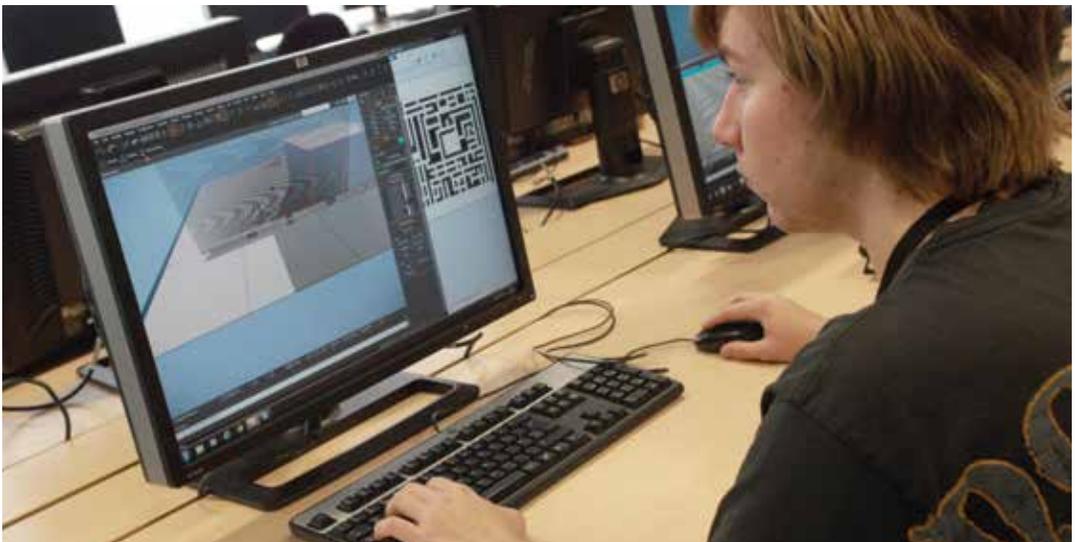
More information:

Students will attend college on Wednesday, Thursday and Friday between 9am - 5pm.

GAMES DEVELOPMENT

The games industry is notoriously competitive. Learn the skills and knowledge to gain an excellent grounding in the fundamentals required to progress in this exciting industry.

- ▶ This course provides you with a firm grasp of the modern software techniques used within the development of computer-based games. The programme contains a carefully selected blend of modules that address all aspects of games development, from traditional software design and programming, to techniques in 3D modelling and animation, as well as a focus on project management methodologies such as Agile
- ▶ The course is developed with input from Double Negative
- ▶ Industry expert teaching staff provide you with the skills you need to build your knowledge and experience to develop your career as an IT professional. Staff have experience working on stereography, underwater cinematography, as a director of photography and on feature films such as Iron Sky
- ▶ Learn with industry standard software and techniques covering a number of disciplines commonly required in the field of games development. Areas include programming using C++ and Actionscript, 3D modelling and animation using a combination of Autodesk, Maya and Zbrush and digital compositing in Nuke
- ▶ Classes are taught using high spec HP Z series workstations with the latest software
- ▶ Former students have gone onto courses at Bournemouth University and University of Greenwich to study Games Development degrees
- ▶ Our staff have industry experience working with companies such as EA & Crytek
- ▶ Students partake in games jams and visits to gaming conventions
- ▶ Unistats online data website shows that our students have given us an overall 100% satisfaction rating regarding the quality of the course.



GAMES DEVELOPMENT

BTEC Level 5 HND Diploma in Computing & Systems Development – Games Development

Duration: **2 YEARS**

Location: **UXB**

Code: **HD5CIF**

Take your knowledge of games development to a higher level and give your career a boost to gain a job in this exciting and lucrative industry.

ENTRY REQUIREMENTS

GCSE English and maths grade A*-C (or equivalent) and 120-160 UCAS points from a full Level 3 qualification such as BTEC, A Level or an Access to Higher Education course.

Some knowledge of programming with an interest in the games development process is advantageous.

COURSE CONTENT

Mandatory units:

- ▶ Business skills for e-commerce
- ▶ Computer systems
- ▶ Employability and professional development
- ▶ Project design, implementation and evaluation.

Specialist units include:

- ▶ Object oriented programming
- ▶ Systems analysis and design
- ▶ Event driven programming
- ▶ Mathematics for software development
- ▶ Data structures and algorithms
- ▶ 3D computer modelling and animation
- ▶ Computer games design and development
- ▶ 3D character animation for computer games
- ▶ Level design for computer games
- ▶ Digital image creation and development
- ▶ Quality systems in IT.

WHERE NEXT

Further study:

BSc degree and MSc programmes after suitable post-diploma experience. Students have progressed onto the final year of a degree course at Bournemouth University.

Career opportunities:

Employment in a wide range of computing careers and roles within the computer games industry.

Job roles include games designer, level designer, interface designer or games tester.

More information:

Students will attend college for 15 hours a week - over three days.

GAMES DEVELOPMENT

BTEC Level 5 HND Diploma in Creative Computing in Games and VFX

Duration: **2 YEARS**

Location: **UXB**

Code: **HD5CVF**

Develop your skills and knowledge further to prepare for a career in creating computer games.

ENTRY REQUIREMENTS

GCSE English and maths grade A*-C (or equivalent) and 120-160 UCAS points from a full Level 3 qualification such as BTEC, A Level or an Access to Higher Education course.

Some knowledge of programming with an interest in the games development process is advantageous.

COURSE CONTENT

Mandatory units:

- ▶ Business skills for e-commerce
- ▶ Computer systems
- ▶ Employability and professional development
- ▶ Project design, implementation and evaluation.

Specialist units include:

- ▶ Quality systems in IT
- ▶ Video production
- ▶ Digital video post-production and editing
- ▶ Multimedia design and authoring
- ▶ 2D, 3D and time-based digital applications
- ▶ 3D computer modelling and animation
- ▶ 3D Character animation for computer games
- ▶ Digital image creation and development
- ▶ Computer games design and development
- ▶ Level design for computer games
- ▶ Human computer interaction
- ▶ Digital media in art and design.

WHERE NEXT

Further study:

Students may progress onto the final year of BSc degree and MSc programmes after suitable post-diploma experience.

Career opportunities:

Employment in a wide range of computing careers and roles with the computer games industry.

Job roles include games designer, level designer, interface designer or games tester.

More information:

Students will attend college for 15 hours a week - over three days.



HEALTH & SOCIAL CARE

The Health and Social Care sector is dynamic, diverse and continuously evolving.

- ▶ Gain valuable first-hand experience of the care sector. Previous students have completed work experience at Ealing Hospital, Hillingdon Hospital, Day Care Centres for the Elderly, Rehabilitation Units in NHS Trusts, HUB Pavilions and Health Watch
- ▶ Lecturers have industry experience, so they know what it's like to work in the sector - staff have worked in NHS Trusts, various charities and care settings
- ▶ With a huge demand for workers, plenty of opportunities for progression and a job in which workers said they feel their work makes a difference, health and social care has a lot to offer
- ▶ Whether you are looking for a career change, thinking of returning to the health or social care sector, or starting your working life after school or college, there are a wide range of work opportunities in health and social care.



HEALTH & SOCIAL CARE

BTEC Level 4 HNC Diploma in Health & Social Care

Duration: **1 YEAR**

Location: **UXB**

Code: **HC4HSF**

Develop your knowledge and understanding of the health and social care sector and learn the skills, techniques and attributes essential for a successful career.

ENTRY REQUIREMENTS

GCSE maths and English at grade C or above (or equivalent), plus 120-160 UCAS points from a full BTEC Level 3 qualification such as BTECs, A Levels or an Access to Higher Education course.

Relevant work experience (applicants with extensive work experience will be considered separately).

All students will be required to successfully complete an interview and will be required to have a Disclosure and Barring Service (DBS) check.

This qualification will:

- ▶ Provide education and training for a range of careers in the health and social care sector
- ▶ Provide opportunities for you to gain a nationally recognised vocationally specific qualification to enter employment in the health and social care sector or to progress to higher education vocational qualifications, such as a degree, in a related area
- ▶ Develop your knowledge, understanding and skills of the health and social care sector
- ▶ Provide opportunities for you to develop a range of skills, techniques and attributes essential for successful performance in working life.

COURSE CONTENT

Course units include:

- ▶ Communicating in health and social care organisations
- ▶ Principles of health and social care practice
- ▶ Health and safety in the health and social care workplace
- ▶ Personal and professional development in health and social care*
- ▶ Working in partnership in health and social care
- ▶ Health promotion
- ▶ Physiological principles for health and social care
- ▶ Community development work.

*Please note: you must complete a minimum of 200 hours relevant work placement to complete this unit.

WHERE NEXT

Further study:

Dependent upon the receiving university, students may be able to enter the second year of a degree programme or progress to university to study areas such as Nursing, Midwifery, Social Work or Allied Health Professions.

Career opportunities:

Employment in the care sector, including hospital and health care management.

More information:

Students will attend college for 15 hours a week - over three days. Plus they will attend a work placement.

SPORT

The Sports industry is an expansive employment area which includes the Health and Fitness Industry, Sport and Recreation and Leisure sectors. It is in the top 15 industrial sectors in England and there is a wide variety of dynamic jobs available in both practical and theoretical aspects of work. We are also in the 'Golden Decade of Sport' which brings about many employment opportunities.

- ▶ Study in state-of-the-art sports and leisure facilities which are part of a £6 million investment and include a sports hall with provision for basketball, volleyball, badminton, netball, cricket, gym activities, and futsal, a five-a-side indoor soccer game. A new larger fitness suite boasts the latest cardio and resistance training equipment
- ▶ Gain valuable first-hand experience of the sports industry by completing a placement within the sports sector in different environments and coaching international participants with Ardmore Foreign Language schools
- ▶ All our lecturers have specific qualifications for the modules they deliver to ensure that students receive quality teaching and support on the course. Plus most have an impressive sporting background which includes; Commonwealth Gold medalists, professional coaches & athletes and qualified lecturers to MSc status
- ▶ Statistics show that 1.4 million more people are playing sport at least once a week than in 2005 when the Olympic bid was won. Meanwhile, £1 billion investment is going into youth and community sport, over five years, to encourage greater participation and improve facilities
- ▶ London 2012 also brought forward investment in east London and 70,000 unemployed Londoners were helped into Games-related employment, creating a labour market legacy
- ▶ The sport and recreation sector employs around 371,800 people across the public, private and voluntary sectors. (SkillsActive, 2011)
- ▶ There are now 5,852 fitness facilities in the UK, including private health clubs and public-owned leisure centres, which together employ over 50,000 staff (FIA State of the UK Fitness Industry Report, 2011)
- ▶ The total market value of the health and fitness sector is estimated at £3.81 billion (FIA State of the UK Fitness Industry Report, 2011)
- ▶ By 2020 the sector's workforce is expected to grow by approximately 11%.



SPORT

BTEC Level 4/5 HND Diploma in Sport (Coaching and Sports Development)

Duration: **1 YEAR = HNC**
2 YEARS = HND

Location: **UXB**

Code: **HC4SPF**

Gain extensive understanding and underpinning knowledge and practical experience to pursue further study and a career in the field of Sports Coaching.

Modules typically provide opportunities for learners to develop as potential sports practitioners in fields such as Sports Coaching, Strength and Conditioning and Sports Development.

The course is designed for candidates looking to study at university level and possibly complete a full BSc (HONS) degree at a partnered university over three years (2 Years Uxbridge College study, 1 Year university top-up).

ENTRY REQUIREMENTS

1 A Level pass or 2 AS Level passes in relevant subjects*, plus GCSE grades C or above to include English, maths or BTEC Level 3 Extended Diploma in Sport.

*Applicants with AS levels only must be 18 or over.

COURSE CONTENT

Course units include:

Year 1

- ▶ Principles of sports coaching
- ▶ The evolution of sports development
- ▶ The sport and leisure industry
- ▶ Anatomy and physiology for sport and exercise
- ▶ Nutrition for sport and exercise
- ▶ Training and fitness for sport and exercise
- ▶ Sport and society
- ▶ Work based experience.

Further study at Level 5 includes:

Year 2

- ▶ Research project
- ▶ Applied sports coaching
- ▶ Managing sports development
- ▶ Sport and exercise psychology
- ▶ Field based fitness testing for sport and exercise
- ▶ Analysis of sports performance
- ▶ Physical education
- ▶ Sport and exercise rehabilitation.

All students are given the opportunity to undertake a period of work experience as part of their course of study.

WHERE NEXT

Further study:

The college is linked with University of Brighton and other surrounding universities that offer a further two years / final third year of study to achieve a full BSc (HONS) degree. The course allows students to access 1 year top-up courses to achieve a full undergraduate degree.

Career opportunities:

The course prepares students to enter the workforce with evidence of relevant experience, practical skills and intellectual knowledge related to sport and fitness.

Employment opportunities include fitness instruction, personal training, coaching, sports science support, health promotion and sports development. Graduates can also progress to further study at Master's level in sport or exercise-related areas.

More information:

Students will attend college for 16 hours per week over three days.

TRAVEL & TOURISM

The travel and tourism industry is dynamic, diverse and continuously evolving. Being the biggest industry in the world, it is abundant with employment opportunities from the likes of travel agents, cabin crew and resort representatives to marketing managers, event planners and company directors.

Whether preparing for a career here in the UK or overseas, the tourism industry is an exciting and thriving industry that boasts an array of enticing opportunities. Start your career with an HND at Uxbridge College.

- ▶ 100% progression of our second year students on to either 3rd year entry or a top-up course at universities including Buckinghamshire New University and University of Westminster
- ▶ We have fantastic links with employers and there may be an optional work experience placement in companies including Park Inn Hotel, Hilton Hotel (Terminal 5), Premier Inn and Airworld Tours
- ▶ Last year students had the opportunity to take part in residential trips to New York and Iceland, as well as day trips to the World Travel Market – one of the largest sector exhibitions
- ▶ All of our lecturers hold higher level qualifications including Bachelors in Tourism Management, International Travel Management and Airport and Airline Management
- ▶ The hospitality, passenger transport, travel and tourism sector in England employs nearly three million people and is estimated to be worth more than £50bn each year
- ▶ It is a growth industry, covering 10% of all jobs in the UK and will need an additional 132,000 workers every year until 2017
- ▶ There is an acute shortage of managers - 69,000 additional managers will be needed by 2017
- ▶ Learn from lecturers with industry knowledge including Conference and Event Management, Overseas Resort Representatives and Airline experience.



TRAVEL & TOURISM

BTEC Level 5 HND Diploma in Travel & Tourism Management

Duration: **2 YEARS**

Location: **UXB**

Code: **HD5TRF**

Take your knowledge and skills of the travel industry to a higher level and increase your career prospects to gain employment within the travel, tourism and hospitality industry.

ENTRY REQUIREMENTS

GCSE maths and English at grade C or above (or equivalent), plus 120-160 UCAS points from a full BTEC Level 3 qualification such as BTECs, A Levels or an Access to Higher Education course.

COURSE CONTENT

Course units include:

- ▶ The travel and tourism sector
- ▶ Contemporary issues in travel and tourism
- ▶ Finance and funding in the travel and tourism sector
- ▶ The developing manager
- ▶ Marketing in travel and tourism
- ▶ Sustainable tourism development
- ▶ Legislation and ethics in the travel and tourism sector
- ▶ Research project.

Optional units include:

- ▶ Hospitality provision in the travel and tourism sector
- ▶ Sports and leisure tourism in the UK
- ▶ Tourist destinations
- ▶ Travel and tourism entrepreneurs
- ▶ Visitor attraction management
- ▶ Employability skills.

WHERE NEXT

Further study:

Progress directly into the second or third year of a university degree programme. The college has affiliated links with Buckinghamshire New University, Brighton University and University College Birmingham.

Many professional bodies also recognise the BTEC Level 5 HND Diploma for further professional study.

Career opportunities:

Management positions in hospitality or travel & tourism organisations such as hotels, travel agencies, tour operators, airlines, airports, tourist attractions, overseas representatives and tourist boards.

More information:

Students will attend college three days a week and the course consists of 15 hours study per week.

TEACHER TRAINING

Uxbridge College offers courses to help gain nationally recognised teacher training qualifications preparing trainees for a teaching career in the post-16 training and education sector. Teachers in this sector come from many walks of life. Besides the more usual routes into teaching, many people decide to use professional expertise gained in a first career to offer a wealth of knowledge and experience to learners.

The national qualifications framework has been developed to cater for the diverse needs and roles of teachers/trainers in the sector. The Canterbury Christ Church University DET (Diploma in Education and Training) with PGCE programme has been designed to meet the needs of teachers in a substantial role in further and/or adult and community education, trainers in the public and private sector as well as those working with 14-19 year olds in vocational settings. The course consists of six modules taken over two years and it is taught at Uxbridge College as one of the Partner Colleges. The provision gained Ofsted Grade 1 in 2014.

Successful completion allows you to apply for Qualified Teacher Learning and Skills (QTLS) status and further employment/progression opportunities in the sector.



TEACHER TRAINING

The Diploma in Education and Training (DET) with PGCE (ProfGCE), accredited by Canterbury Christ Church University

Duration: **2 YEARS**

Location: **UXB**

Code: **UDETFF**

This course is for teachers and trainers already working in the sector who have a full teaching/training role across different courses and levels and are involved in initial assessment, design, planning, assessment and review of courses as well as delivery.

ENTRY REQUIREMENTS

- ▶ A qualification in your subject area (Level 3 for skills subjects or a degree for academic subjects)
- ▶ A regular class or classes that you can teach during the programme in your qualified subject area amounting to 50 hours per year minimum (arranged by you)
- ▶ A mentor in your subject area
- ▶ A good command of spoken and written English
- ▶ Disclosure and Barring Service (DBS) check
- ▶ You must complete a written initial assessment at the interview.

COURSE CONTENT

The programme aims to develop the knowledge, skills and understanding of teachers and trainers in the sector which includes those who teach in Further Education Colleges, Adult and Community Learning, 14-19 units in Schools and Academies, Private Training Organisations and the Public Services such as Police, Paramedics and Fire Service Trainers.

The DET with PGCE is an HE Qualification validated by Canterbury Christ Church University and delivered by Uxbridge College on the Uxbridge Campus. It is a part-time, two-year, in-service course with one attendance every week.

Year 1 is at Level 4 and Year 2 is at Level 5, but for those with degrees who have the capability of working at Level 6 or above, the PGCE pathway will be available. Assessment is through a portfolio of evidence which includes observations, presentations and written work. There are 6 modules of study.

Trainees will study the following modules:

Year 1

- ▶ Introduction to teaching and learning
- ▶ Planning and assessing
- ▶ Applying theory to practice.

Year 2

- ▶ Reflecting on practice
- ▶ Curriculum
- ▶ Professional practice.

WHERE NEXT

Further study:

Application for QTLS (Qualified Teacher, Learning and Skills status).

Career opportunities:

Teach/train in a variety of settings in further, adult and community education, 14-19 units in schools and Academies, private training organisations, Prison Education and the Public Services (Police, Paramedics or Fire Service) and higher education.

More information:

- ▶ Start date: September 2016
- ▶ In year 1 students will attend college Tuesdays 5-9pm.



TEACHER TRAINING

City & Guilds (6502-51) DET (Level 5)

Duration: **2 YEARS**

Location: **UXB**

Code: **TBC**

This course is for teachers and trainers already working in the sector who have a full teaching/training role across different courses and levels and are involved in initial assessment, design, planning, assessment and review of courses as well as delivery.

ENTRY REQUIREMENTS

- ▶ A qualification in your subject area (Level 3 for skills subjects or a degree for academic subjects)
- ▶ A regular class or classes that you can teach during the programme in your qualified subject area amounting to 50 hours per year minimum (arranged by you)
- ▶ A mentor in your subject area
- ▶ A good command of spoken and written English
- ▶ Disclosure and Barring Service (DBS) check
- ▶ You must complete a written initial assessment at the interview.

COURSE CONTENT

This DET course is validated by City and Guilds and it is at Level 5. It is a part-time, two-year, in-service qualification with blended delivery (50% reduced attendance with an online element) which aims to cover the knowledge and skills required by teachers/trainers in the further education and skills sector.

Assessment is through a combination of assignments and observation of teaching and training.

There are 8 units of study over the two years:

Year 1

- ▶ Teaching, learning and assessment in education and training
- ▶ Theories, principles and models of education and training
- ▶ Teaching in a specialist area
- ▶ Understanding and managing behaviours in a learning environment
- ▶ Specialist delivery techniques and activities.

Year 2

- ▶ Developing teaching, learning and assessment in education and training
- ▶ Wider professional practice and development in education and training
- ▶ Action Research.

WHERE NEXT

Further study:

Application for QTLS (Qualified Teacher, Learning and Skills status).

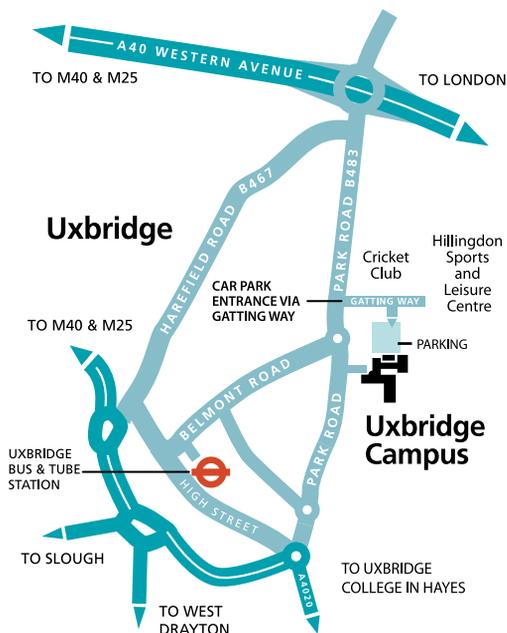
Career opportunities:

Teach/train in a variety of settings in further, adult and community education, 14-19 units in schools and Academies, private training organisations, Prison Education and the Public Services (Police, Paramedics or Fire Service) and higher education.

Further study:

- ▶ Start date: September 2016
- ▶ In year 1 students will attend college Tuesdays 5-9pm (50% reduced attendance – dates will be given at induction).

HOW TO FIND US



UXBRIDGE CAMPUS

**Park Road, Uxbridge,
Middlesex, UB8 1NQ**

Tel: 01895 853333

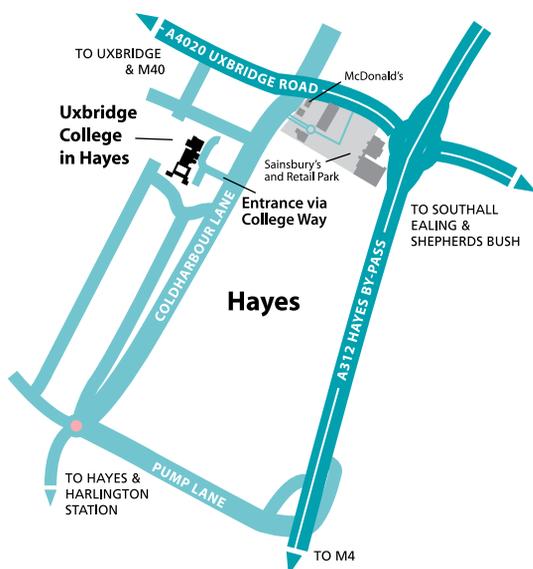
Fax: 01895 853377

Underground: Metropolitan Line and Piccadilly Line (peak times only) to Uxbridge Station.

Buses: U1, U2, U3, U4, U7, U9, U10, 58, 222, 331, 427, 459, 607, A10, R21, 724.

All buses stop at Uxbridge Station. The U1 and U2 stop at the top of Belmont Road, near to the College.

Car Parking: On-site – entrance via Gating Way.



HAYES CAMPUS

**College Way, Coldharbour Lane,
Hayes, Middlesex, UB3 3BB**

Tel: 01895 853333

Fax: 01895 853636

Rail: Hayes and Harlington Station.

Buses: 90, 140 and E6 stop on Coldharbour Lane and the 207, 607 and 427 stop on Uxbridge Road near the Hayes Community Campus.

Car Parking: On-site – entrance via Coldharbour Lane.

