



**DIPLOMA IN  
INFORMATION TECHNOLOGY**  
UNIVERSITY 1<sup>ST</sup> AND  
2<sup>ND</sup> YEAR (LEVEL 4 AND 5)



# COURSE OVERVIEW

## About This Course

If you're passionate about computers and dream of turning that passion into a thriving career, the IT and Computing Diploma offered by City College Birmingham is the perfect choice for you. This dynamic and engaging course covers level 4 and 5 modules and assignments, providing the equivalent of the first and second years of a university degree.

Our online level 4/5 IT diploma is a comprehensive 240-credit course, featuring 10 exciting modules and 6 stimulating written assignments at each level. It's meticulously designed to equip you with the skills and knowledge to advance to a full undergraduate degree and embark on a successful career as an IT professional. Throughout your journey, you'll benefit from unparalleled support services, including dedicated tutor assistance, interactive webinars, a vibrant social learning forum, and a wealth of additional resources to ensure your success. Dive into the world of IT with confidence and passion at City College Birmingham!

## Examples of University Progression

Middlesex University

University of Gloucestershire

Southampton Solent University

University of Derby

## Qualification

Qualification Numbers: Level 4

Diploma in Information Technology -  
603/4781/8

Qualification Numbers 2: Level 5

Diploma in Information Technology -  
603/4791/0



## Awarding Body



# About City College Birmingham

Mortha Halls of Ivy, trading as City College Birmingham, is a trailblazer in education, offering life-changing vocational and professional courses both online and on-campus at its Dudley, UK location. Since its inception in 2013, the college has embodied a 'born-global' philosophy, passionately delivering world-class education and training to students across the globe. Recognised by the United Kingdom Register of Learning Providers (UKRLP), City College Birmingham stands as a paragon of trustworthiness and excellence.

City College Birmingham provides an extensive range of qualifications up to Level 7 in crucial fields such as Business Management, Health & Social Care, Hospitality, and IT amongst many others. Through strategic partnerships with esteemed UK awarding bodies like Qualifi, the college offers accredited courses that set the benchmark for quality and rigor. This collaboration enables the institution to deliver Qualifi courses, ensuring students gain education that is not only of the highest standard but also globally respected.

What makes City College Birmingham truly exceptional is its dedication to making education accessible and adaptable. The college understands the complexities of modern life and offers professionally developed e-learning courses designed to fit seamlessly into any schedule. This flexibility allows learners to pursue their dreams without compromising other life commitments, ensuring that education is a gateway to opportunity for everyone.

At City College Birmingham, education is more than just learning; it is an adventure of self-discovery and empowerment. The college's mission is to cultivate the leaders of tomorrow by providing them with the knowledge, skills, and qualifications necessary to excel in today's ever-evolving world. With a team of dedicated professional tutors and a nurturing educational environment, City College Birmingham inspires students to reach for greatness and realise their full potential.

Seize the opportunity to transform your future with City College Birmingham. Explore our vast array of courses and qualifications.

# ELIGIBILITY

## Am I eligible for this programme?

Proficiency in reading, writing, listening, and speaking English is required. This proficiency will be determined by one of our staff members during an interaction with the student after they have shown interest in the course.

To enroll in the level 4 course, you must be at least 18 years old and have completed secondary education.

To enroll in the level 5 course, you must have completed a level 4 equivalent.

## LEVEL 4: MODULE LISTING

### Information Technology and IT Ethics

Explore the foundational principles of information technology and delve into the critical ethical considerations in the digital age. Learn about data privacy, cybersecurity, and the moral responsibilities of IT professionals in maintaining integrity and trust in technology.

### Mathematics and Statistics for IT

Build a strong mathematical foundation essential for IT. This unit covers key concepts in algebra, calculus, and statistics, equipping you with the analytical skills needed for problem-solving and data analysis in various IT applications.



## PC Maintenance and Operating Systems

Gain practical skills in maintaining and troubleshooting personal computers. Learn about different operating systems, their functionalities, and best practices for ensuring optimal performance and security of PC hardware and software.

## Computer Graphics Editing and Database Concepts

Discover the world of digital graphics and database management. This unit introduces you to graphic editing tools and techniques, along with fundamental database concepts, including design, implementation, and management.

## Logical IT Networking

Understand the logical aspects of IT networking. This unit covers network topologies, protocols, and models, providing you with the knowledge to design and manage efficient and secure network infrastructures.

## Physical IT Networking

Learn about the physical components of IT networking, including cabling, hardware, and network devices. This unit focuses on the installation, configuration, and maintenance of physical network infrastructure to ensure robust connectivity.

## Web Design

Unleash your creativity in web design by mastering the principles of layout, color theory, and user experience. This unit teaches you how to create visually appealing and user-friendly websites using the latest design tools and technologies.

## Web Programming

Dive into the world of web programming with this unit, which covers essential programming languages such as HTML, CSS, JavaScript, and more. Develop the skills to build dynamic, interactive, and responsive websites and web applications.

## Graphical User Interface (GUI)

Learn the art and science of designing intuitive graphical user interfaces. This unit explores the principles of GUI design, usability testing, and best practices for creating user-centric applications that enhance user experience and interaction.

## Programming Concepts and Java for Android Programming

Master the fundamental programming concepts with a focus on Java, the core language for Android development. This unit covers object-oriented programming, control structures, and data types, and equips you with the skills to develop robust and efficient Android applications.



# LEVEL 5: MODULE LISTING

## Technopreneurship

Explore the intersection of technology and entrepreneurship. This unit covers the essentials of starting and managing a tech-based business, including innovation, business planning, and the commercialization of technological products and services.

## Network Security

Learn to protect computer networks from threats and vulnerabilities. This unit covers key concepts in network security, including encryption, firewalls, intrusion detection systems, and best practices for securing network infrastructure.

## C#.Net Programming

Dive into the world of C#.Net programming. This unit teaches you the fundamentals of C# and the .NET framework, providing you with the skills to develop robust, scalable, and secure applications for various platforms.

## System Administration

Gain practical knowledge in managing and maintaining IT systems. This unit covers the roles and responsibilities of a system administrator, including server management, user administration, system updates, and troubleshooting.

## Network Routing and Switching

Understand the critical aspects of network routing and switching. This unit covers the configuration, management, and troubleshooting of routers and switches to ensure efficient and secure data transmission across networks.

## Network Design and Administration

Learn the principles of designing and administering effective network infrastructures. This unit focuses on network architecture, planning, implementation, and management to support organizational needs and growth.

## Content Management Systems

Discover the power of Content Management Systems (CMS) in web development. This unit covers the installation, customization, and management of CMS platforms like WordPress, Joomla, and Drupal to create and maintain dynamic websites.

## Web Design

Unleash your creativity in web design by mastering the principles of layout, color theory, and user experience. This unit teaches you how to create visually appealing and user-friendly websites using the latest design tools and technologies.

## Business to Business (B2B) E-Commerce

Explore the world of B2B e-commerce and its unique challenges and opportunities. This unit covers strategies for creating, managing, and optimizing online platforms that facilitate business transactions between companies.

## Business to Consumer (B2C) E-Commerce

Understand the fundamentals of B2C e-commerce. This unit focuses on building and managing online stores, digital marketing strategies, customer relationship management, and optimizing the consumer shopping experience.



## LEARNING OUTCOMES

The learning outcomes of the diploma are

- Understand and apply the principles of IT in a range of business environments.
- Analyse problem solving techniques specific to business and industry.
- Select, collate, review and analyse information form a wide range of sources.
- Improve the employability of learners by allowing them to explore the relationship between management theories and their practical application in the IT world.

## CAREER OPPORTUNITIES

Primary areas of employment include:

- IT Consultant
- Software Engineer
- Web Developer
- IT Technician
- Cloud Architect
- Systems Analyst
- Network Engineer



# ASSIGNMENT LISTING

## Assignment listing

The Qualifi Level 5 Diploma in Information Technology is accredited at Level 5 with a total equivalence of 120 credits. It is envisaged that learners completing the Level 5 diploma will progress to the final year of an undergraduate degree.

**The assignment unit titles for the level 4 course are:**

- Logical IT Networking
- Physical IT Networking
- Web Programming
- Graphical User Interface
- Programming Concepts and Java for Android Programming

**The assignment unit titles for the level 5 course are:**

- Network Routing and Switching
- Network Design and Administration
- Content Management Systems
- Web Design
- Business to Business (B2B) E-commerce
- Business to Consumer (B2C) E-commerce



## Rules of Combination for QUALIFI Level 4 Diploma in Information Technology 603/4781/8

Leaners must complete all four core units and any two elective units\* for a total of 120 credits.

Unit Reference	Mandatory Units	Level	TQT	Credit	GLH
L/617/6692	Information Technology and IT Ethics	4	200	20	100
R/617/6693	Mathematics and Statistics for IT	4	200	20	100
Y/617/6694	PC Maintenance and Operating Systems	4	200	20	100
D/617/6695	Computer Graphics Editing and Database Concepts	4	200	20	100
Unit Reference	Optional Units	Level	TQT	Credit	GLH
H/617/6696	Logical IT Networking	4	200	20	100
K/617/6697	Physical IT Networking	4	200	20	100
M/617/6698	Web Design	4	200	20	100
T/617/6699	Web Programming	4	200	20	100
D/617/6700	Graphical User Interface (GUI)	4	200	20	100
H/617/6701	Programming Concepts and Java for Android Programming	4	200	20	100

\* Leaners taking this qualification cannot choose the combination of electives that lead to a specialise qualifications in Networking, Web design or E Commerce. Therefore, the following Combinations are not allowed - H/617/6696 and K/617/6697, M/617/6698 and T/617/6699, D/617/6700 and H/617/6701 as the 2 electives

## Rules of Combination for QUALIFI Level 5 Diploma in Information Technology 603/4791/0

Leaners must complete all four core units and any two elective units\* for a total of 120 credits.

Unit Reference	Mandatory Units	Level	TQT	Credit	GLH
F/617/6740	Technopreneurship	5	200	20	100
J/617/6741	Network Security	5	200	20	100
L/617/6742	C#.NET Programming	5	200	20	100
R/617/6743	System Administration	5	200	20	100
Unit Reference	Optional Units	Level	TQT	Credit	GLH
Y/617/6744	Network Routing and Switching	5	200	20	100
D/617/6745	Network Design and Administration	5	200	20	100
H/617/6746	Content Management Systems	5	200	20	100
M/617/6748	Web Design	5	200	20	100
T/617/6749	Business to Business (B2B) E - commerce	5	200	20	100
K/617/6750	Business to Consumer (B2C) E - commerce	5	200	20	100

\* For this qualification, leaners cannot choose Y/617/6744 and D/617/6745, H/617/6746 and M/617/6748, T/617/6749 and K/617/6750 as their 2 electives.

## CAREER PATH

Completing the full Level 4/5 Diploma in Information Technology, along with the final year of an accredited undergraduate degree programme, opens up a wide array of career opportunities in the tech industry. With these qualifications, you can pursue roles such as software developer, IT consultant, systems analyst, or database manager. Envision yourself creating innovative software solutions, providing expert IT advice, or managing complex information systems. This course equips you with the technical proficiency and problem-solving skills needed to excel in various IT roles, setting the stage for a dynamic and impactful career in technology.

# BENEFITS OF OUR COURSES

## Pathway to Degrees and MBAs

### Seamless Academic Journey

- Start with a diploma and effortlessly transition into a full undergraduate or postgraduate programme, culminating in a degree or MBA awarded by the university where you complete your final year.

## Prestigious University Partnerships

### Broad Credit Acceptance

- Course credits are recognised by many top UK universities.

### Esteemed Academic Opportunities

- Study at prestigious institutions such as Anglia Ruskin University, University of Sunderland, University of Lincoln, University of Derby, and Nottingham Trent University, among many others, providing pathways to complete your degrees and master's programmes at these renowned universities.

## Accredited and Recognised Qualifications

### Official UK Credentials

- Earn formal UK qualifications that offer credit towards progression in higher education.

### Global Recognition

- Qualifications are endorsed by Ofqual and respected by universities, employers, and institutions worldwide, providing credit towards bachelors and master's courses.

## Quality Assurance and Support

### Continuous Excellence

- Regular standardisation meetings ensure the highest quality in course delivery and resources.

### Comprehensive Oversight

- Monitors learner issues, partner quality, assessment standards, and material content to guarantee alignment with learning outcomes.

### Distinguished Leadership

- Benefit from the guidance and oversight of esteemed academic and business leaders.

### High Educational Standards

- Supported by dedicated frameworks and continuous quality monitoring to promptly address learner and partner issues.

# Professional Learning Materials

## Expertly Crafted Content

- Developed by professional academic authors, ensuring alignment with UK government educational standards.

## Comprehensive Support

- Exceptional educational standards supported by dedicated frameworks and ongoing quality assurance.

# Transparent and Accountable

## Continuous Improvement

- Regular reviews and feedback mechanisms facilitated by the Quality Monitoring Board.

## Integrity in Delivery

- Transparency in course delivery and adherence to rigorous assessment standards.

## Educational Loan Facilitation for UK Studies

To further support our students' educational journeys, we offer the facilitation of educational loans for those who complete their first two years of study in their home country. Upon applying for their third year in the UK, we can assist in arranging educational loans through our established contacts with banks and lending institutions. This invaluable service significantly eases the financial transition, allowing students to focus on their studies and make the most of their educational experience in the UK. Highlighting this financial support option underscores our commitment to making higher education accessible and affordable, encouraging prospective students to choose our programme with confidence.

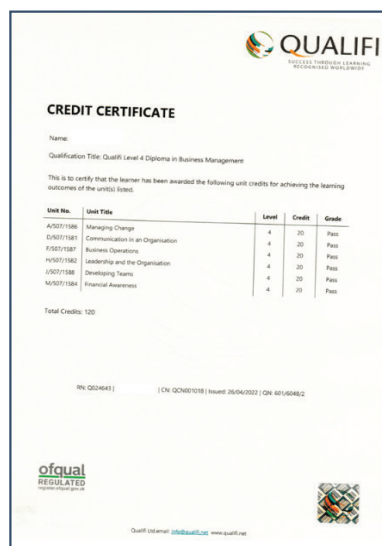


Choosing our courses ensures a reputable, flexible, and recognised pathway to achieving your academic and career goals

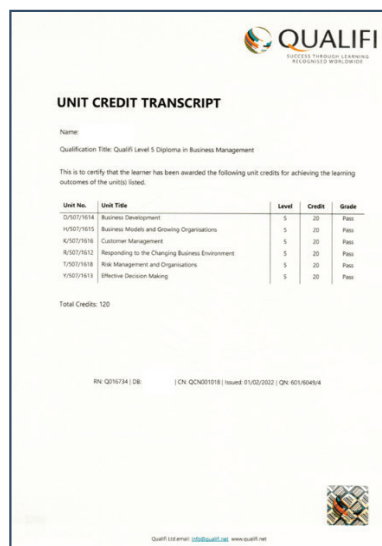
# ELEVATE YOUR CAREER WITH PRESTIGIOUS UK DIPLOMAS

At City College Birmingham, we are excited to introduce our renowned UK diploma courses to India. Unlike the traditional perception in India, these diplomas are not a fallback option but a prestigious and rigorous academic pathway. In the UK, each year of a degree can be pursued as a standalone diploma, carrying substantial weight and respect in the global job market. Our diploma courses are meticulously designed to provide in-depth knowledge and practical skills, ensuring that our graduates are highly capable and industry-ready. Join us to experience a world-class education that opens doors to limitless opportunities and sets you apart in the competitive landscape. Discover the power of a UK diploma and redefine your academic journey with City College Birmingham.

## LEVEL 4 SAMPLE CERTIFICATE



## LEVEL 5 SAMPLE CERTIFICATE



### **Sarah Sweeney**

Business Development Manager



Sarah Sweeney is a seasoned Business Development Manager with over 15 years of experience in sectors such as education and consulting. Based in the UK, she leads our global business development operations, driving growth strategies, building strong relationships, and enhancing our international presence.

Sarah excels at crafting and implementing business development strategies aimed at financial growth and customer satisfaction. She identifies new market opportunities, oversees strategic initiatives, and manages key client relationships.

Sarah is skilled at analysing market trends and developing innovative business strategies. She builds strategic partnerships, adds value to existing customers, and expands our customer base.

Beyond traditional business development, Sarah spearheads networking events, trade shows, and conferences to generate new leads and expand our reach. Her strategic management ensures high customer retention and uncovers new growth opportunities.

Under Sarah's leadership, our business development team thrives. Her vision includes managing our social media presence and crafting engaging strategies.

Sarah's exceptional planning skills and ability to manage multiple projects ensure seamless execution of business development activities. Her dedication to excellence and commitment to our goals make her an inspirational leader driving our global operations towards success.

With Sarah Sweeney at the helm, we are set to redefine success, delivering exceptional value and inspiring results for our clients and stakeholders worldwide.

### **Nicol**

Global Legal Expert



Nicol, our esteemed senior solicitor, embodies dedication and excellence in the realm of immigration law. With her vast experience spanning corporate matters, private cases, family applications, administrative reviews, appeals, and judicial reviews, she is a beacon of hope and expertise for her clients. Fluent in both English and Arabic, Nicol bridges cultures and communities with grace and understanding.

Her journey to becoming a solicitor is a testament to her unwavering commitment and passion. Nicol qualified under the UK's Solicitors Regulation Authority (SRA) in May 2020, following her commendable achievement in the Legal Practice Course at Westminster University. She first graduated with a degree in English Language and Literature from Bournemouth University, later pursuing a conversion course to earn her Graduate Diploma in Law. As a dedicated member of the Immigration Law Practitioners Association (ILPA), Nicol remains at the cutting edge of her field, continually advocating for her clients' rights and needs.

In her vital role, Nicol will be the guiding force behind the College's Tier 4 system, ensuring that each candidate receives the right advice from the right professional. Her leadership guarantees that our immigration processes are infused with integrity, precision, and a heartfelt commitment to making a difference in people's lives. Nicol's presence ensures that every client feels seen, heard, and supported through their immigration journey.

### **Dharmanand Mortha**

CEO and MD  
City College Birmingham



I am overjoyed to announce our partnership with UK Xpress, an outstanding organisation whose exceptional reach and offerings have left an indelible mark over the past 7 years. Their passionate dedication to providing top-notch educational business and support services across various countries is nothing short of inspiring.

At Mortha Halls of Ivy trading as City College Birmingham, we place immense trust and confidence in UK Xpress. Together, we are on a mission to extend our prestigious courses globally, reaching and empowering deserving students everywhere with world-class qualifications. This partnership is a beacon of hope and a catalyst for transformative education, promising to unlock countless opportunities and dreams.

For more information about UK Xpress and their services, please visit [www.ukxpress.co.uk](http://www.ukxpress.co.uk)

# HIGHLIGHTS OF STUDYING THE FINAL YEAR IN THE UK

## 1. Exposure to World-Class Education:

By completing their final year in the UK, students gain access to high-quality education from prestigious institutions, enhancing their academic credentials and broadening their learning experiences.

## 2. Enhanced Career Prospects:

- Graduating from a UK institution significantly boosts employability. UK qualifications are highly regarded worldwide, and students benefit from the robust career support services offered by UK universities, including internships, job fairs, and networking opportunities.

## 3. Post-Study Work Visa:

- International students can apply for the post-study work visa, allowing them to stay in the UK for two years after graduation to look for work. This visa provides a pathway to gain valuable work experience and potentially settle in the UK permanently.

## 4. Entrepreneurial Opportunities:

- The UK fosters a thriving entrepreneurial ecosystem, providing resources and support for graduates who wish to start their own businesses. Students can take advantage of various startup incubators, funding opportunities, and mentorship programs.

## 5. Further Studies:

- The UK offers excellent opportunities for further education, including postgraduate and doctoral programs. Students can advance their academic pursuits in a supportive and resource-rich environment.

## 6. High Living Standards:

- The UK is known for its clean and safe environment, prioritising health and safety for all residents. The country boasts excellent healthcare facilities, accessible housing options, and a low level of pollution.

## 7. Work Culture and Opportunities:

- The UK has a diverse and inclusive work culture, promoting a healthy work-life balance. Graduates can find employment across various sectors, benefiting from the country's strong economy and numerous job opportunities.

## 8. Family Benefits:

- Students can bring their dependents to the UK under certain conditions. Dependents have access to free education for children and healthcare services for residents, ensuring a supportive environment for the entire family.

## 9. Cultural Diversity:

- The UK is a melting pot of cultures, offering students a rich and diverse social experience.

## 10. Travel Opportunities:

- Located in Europe, the UK provides easy access to travel across the continent, allowing students to explore various countries and cultures.

## 11. Historical and Cultural Richness:

- Students can immerse themselves in the UK's rich history and culture, visiting museums, historical sites, and engaging in various cultural activities.

By choosing to complete their final year at a UK university, facilitated by City College Birmingham, students significantly enhance their educational experience and position themselves for successful and fulfilling careers. The opportunities provided by studying in the UK are vast and varied, ensuring that graduates are well-prepared to meet the challenges and opportunities of the global job market.

## UKXPRESS

- BANGALORE
- TAMILNADU
- KERALA
- PUNJAB
- CHANDIGARH
- HARYANA
- MUMBAI
- HYDERABAD
- DUBAI



“Unlock your global potential with UKXpress! Imagine achieving your academic and career dreams with our comprehensive study abroad services. We provide personalised guidance that makes the application process effortless, ensuring you find the perfect programme and institution to fit your aspirations. From visa assistance to scholarship opportunities and pre-departure support, we take care of every detail, making your journey smooth and stress-free. Partner with UKXpress and embark on an educational adventure that will broaden your horizons, enrich your experiences, and shape your future in ways you never thought possible. Let UKXpress be your gateway to a world of endless possibilities.”



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