



**DIPLOMA IN
IT - NETWORKING**
UNIVERSITY 1ST AND
2ND 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 - Networking 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 IT - Networking -

603/4782/X

Qualification Numbers 2: Level 5

Diploma in IT - Networking -

603/4792/2



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.

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.

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.

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.



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.





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:

- Information Technology and IT Ethics
- Mathematics and Statistics for IT
- PC Maintenance and Operating Systems
- Computer Graphics Editing and Database Concepts
- Logical IT Networking
- Physical IT Networking

The assignment unit titles for the level 5 course are:

- Technopreneurship
- Network Security
- C#.NET Programming
- System Administration
- Network Routing and Switching
- Network Design and Administration

Rules of Combination for QUALIFI Level 4 Diploma in IT - Networking 603/4782/X

Learners must complete all six 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
H/617/6696	Logical IT Networking	4	200	20	100
T/617/6697	Physical IT Networking	4	200	20	100
Total			1200	120	600

Rules of Combination for QUALIFI Level 5 Diploma in IT - Networking 603/4792/2

Learners must complete all six 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
H/617/6744	Network Routing and Switching	5	200	20	100
M/617/6745	Network Design and Administration	5	200	20	100
Total			1200	120	600

CAREER PATH FOR DIPLOMA IN IT - NETWORKING

Completing the full Level 4/5 Diploma in IT - Networking, followed by the final year of an accredited undergraduate degree programme, sets you up for a career in managing and optimising network systems. With these qualifications, you can pursue roles such as network administrator, network engineer, systems architect, or IT infrastructure manager. Imagine yourself designing, implementing, and maintaining sophisticated network systems that keep organisations connected and operational. This course equips you with the technical expertise and strategic thinking needed to excel in the networking domain, ensuring seamless communication and connectivity in today's digital world.



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.

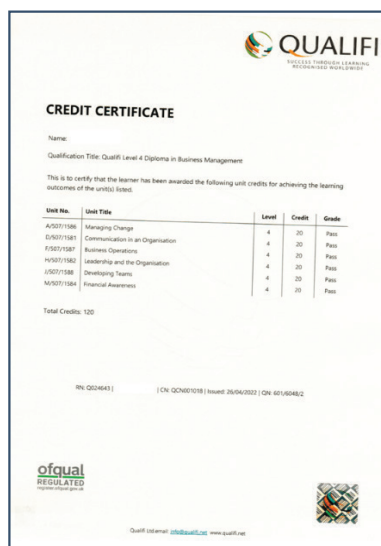


Choosing our courses ensures a reputable, flexible, and recognised pathway to achieving your academic and career goals

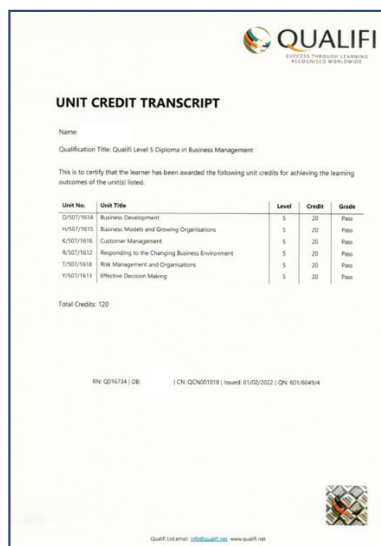
ELEVATE YOUR CAREER WITH PRESTIGIOUS UK DIPLOMAS

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

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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