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Deadline for applications: 4 October 2024.

Course overview

The IT Technician Bootcamp is designed to quickly bring you up to speed in several key areas of IT including Hardware and Software, Networking and Cloud technologies, and IT Governance.

Whether you are looking to launch a new career, enhance your skills, refresh your knowledge, or simply have an interest in computers, the IT Technician Bootcamp at CU Coventry is the perfect choice for you.

SKILLS FOR LIFE

SKILLS BOOTCAMPS

Developed by experienced educators with extensive industry backgrounds, this 12-week course is designed to quickly bring you up to speed. It offers a flexible schedule that accommodates your existing commitments, whether they be work, other studies, or family responsibilities.

By the end of the bootcamp, you will have acquired essential knowledge in several key areas of IT including hardware and software, networking and cloud technologies, and basic IT governance.

Join us at CU Coventry and take the first step towards becoming a proficient IT technician!

Apply for this course (<https://webapp.coventry.ac.uk/CUapply/>)

Course duration

This course will run over 12 weeks from **4 November 2024 to 27 January 2025**. For more details please contact CUSkillsBootcamp@cusltd.co.uk.

Venue

This course will delivered online.

Why you should study this course

Developed with inspiration from industry-recognised qualifications from the Institute For Apprenticeships and Technical Education (IFATE ST0505) and CompTIA (A+) this course is well placed to prepare for entry-level positions such as IT Support Technician, Help Desk Technician, Desktop Support Technician, Network Technician, Entry Systems Administrator.

The course will enable you to familiarise and learn the following content:

- > Differences in hardware underpinning storage, networking and compute.
- > Requirements of an IT professional related to governance and safety.
- > Software and operating system configuration and maintenance.
- > Importance of securing and maintaining end user devices.

About Skills Bootcamps

Skills Bootcamps are flexible courses of up to 16 weeks for adults aged 19 or over and can give you the opportunity to build up valuable sector-specific skills based on local employer demand and can provide a direct path to a job on completion. They are free to individuals.

Where an employer is training an existing employee, they must contribute to the cost of the course. For small or medium sized enterprise: £440 and large sized enterprise: £1320.

Please contact CUSkillsBootcamp@cusltd.co.uk (<mailto:CUSkillsBootcamp@cusltd.co.uk>) for more information.

Skills Bootcamps are aimed at adults who are either unemployed, in work, self-employed, looking to change career or returning to work after a break. They are an opportunity to learn and develop technical skills in the chosen Skills Bootcamp. We encourage all eligible adults to apply, including those from underrepresented groups.

Places are limited and will be allocated on a first-come, first-served basis to eligible applicants. Please note that individuals are only eligible to participate in one Skills Bootcamp per financial year and must not be on more than one Skills Bootcamp at any one time, but you can apply for multiple Skills Bootcamps.

What you'll study

Computer Hardware Fundamentals

Identify and explain hardware components, justify their selection, configure BIOS/UEFI, install and configure devices, understand cabling and power supplies, perform basic repairs, and adhere to health and safety practices.

Software Essentials

Identify software versions and applications, compare GUI and CLI, use CLI commands, install and configure operating systems and software, manage backups, set up MFA, manage file types and systems, identify and remove viruses, update software, and repair processes.

Networking Basics

Understand cable types and uses, addressing methods, VLANs and subnets, networking protocols, set up small business and home networks, expand networks with switches and access points, configure DNS, and optimize WiFi.

Mobile Devices and BYOD

Compare mobile devices and PCs, replace hardware in mobile devices, configure and sync mobile devices, manage peripherals and accessories, perform mobile backups, and ensure security and safety in BYOD environments.

Virtualization and Cloud Computing

Understand virtualization and hypervisors, XaaS models, shared responsibility, CapEx vs. OpEx in cloud services, on-demand cloud resources, and compare cloud and local virtualisation.

Security Fundamentals

Learn basic IT security concepts and best practices, implement physical and logical security measures, mitigate malware and social engineering threats, and secure cloud computing environments.

Operational Procedures and Governance

Establish password and usage policies, comply with H&S and DSE regulations, handle PII and GDPR compliance, understand EULA and PCI DSS, develop incident response procedures, track repairs, and manage assets and changes, adhere to WEEE directives.

Practical Applications and Case Studies

Engage in workshops for hardware and software installation, network setup, real-world troubleshooting, and projects on IT environment management.

We regularly review our course content, to make it relevant and current for the benefit of our students. For these reasons, course modules may be updated.

Teaching contact hours

This course is delivered online Monday to Thursday 6pm to 8pm offering you the opportunity to study from home and around other commitments. Skills Bootcamps are flexible courses that can allow you to build up valuable sector-specific skills based on local employer demand and can provide a direct path to a job on completion.

Our experienced academic staff will provide engaging and stimulating class sessions, bringing in their industry technical experience and research to the virtual classroom

Throughout this course, you can expect up to 80 hours of learning activities, made up of online teaching and independent learning. Additionally, you will be expected to undertake significant self-directed study of approximately 120 hours, depending on the demands of individual modules.

As an innovative university, we use different teaching methods including online tools and emerging technologies. So, some of your teaching hours and assessments may be delivered online.

Entry requirements

Fees and funding

Facilities

How to apply

Careers and opportunities

Further study

Disclaimers

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Useful links

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