

Construction is all about designing, building, and maintaining the structures and environments we live and work in. Studying Construction teaches you practical and technical skills, as well as teamwork, project management, and problem-solving which are all essential for modern building projects.

Sustainable Construction Manager

As the world focuses more on climate change and sustainability, this role is becoming crucial. A Sustainable Construction Manager ensures that building projects are environmentally responsible and resource-efficient throughout a building's life cycle. From using low-carbon materials to integrating renewable energy systems, they help the construction industry reduce its environmental impact.

Digital Construction Coordinator

With the rise of smart buildings and digital technologies, the construction sector is embracing innovation. A Digital Construction Coordinator uses tools like Building Information Modelling (BIM), drones, and 3D scanning to plan and manage construction projects more efficiently. This role bridges the gap between traditional building skills and cutting-edge digital methods.

Offsite Construction Specialist

Offsite construction is where buildings or components are constructed in factories and assembled on-site which is revolutionising the industry. This method saves time, reduces waste, and increases quality. Offsite Construction Specialists manage the design, logistics, and assembly of modular or prefabricated components, helping to deliver projects faster and smarter.



'Preparing students for a lifetime of employability'



'Preparing students for a lifetime of employability'

careers@horizoncc.co.uk

CONSTRUCTION

5 work skills that Construction will give you:



Technology

Technology continues to be one of the most significant construction trends that will impact the industry in the years to come. From using virtual reality, flying drones to assess sites or using construction management software will all enable you to gain or improve your technology and IT skills.



Communication

Effective communication can increase understanding and cooperation among team members. As a builder, communicating clearly and effectively with your team, supervisors, and clients can ensure everyone understands project goals, deadlines, and work expectations.



Problem Solving

Building projects can often come with unprecedented challenges. Strong problem-solving skills can enable you to analyse the situation, assess possible solutions, and decide on the best course of action quickly and effectively.



Project Organization

Project organization is a highly sought-after skill. According to PlanGrid, construction professionals spend 35% of their time on non-optimal activities, e.g. looking for project information or dealing with mistakes. An organized employee will be able to make effective use of their schedule to get the job done and avoid any time-consuming tasks, ensuring deadlines are met.



Leadership

While not all workers need to be managers, having managerial skills will give you an edge in the field. Leadership abilities will help you complete tasks that will advance your career. Some of these leadership and management skills include managing work sites, developing estimates, directing teams and reaching out to prospective clients.

Where Construction can take you:

Jobs requiring specialist knowledge

- Architect
- Planning & Development Surveyor
- Demolition worker
- Building Surveyor
- Town Planner
- Geotechnical engineer
- Civil Engineer
- Construction Manager
- CAD Engineer
- Environmental Engineer
- Building Information Modelling (BIM) Manager

Jobs working with people

- Carpenters and Joiners
- Flooring Installer
- Roofer
- Repair and Maintenance Assistant Decorator
- Scaffolder
- Glaziers
- Property Manager
- Groundworker
- Electrician
- Plasterer
- Operations Manager

Jobs working in Business

- Quantity Surveyors
- Business Development Managers
- Planning Inspector
- Finance Assistants
- Contracts Manager
- Commercial Assistant
- Health and Safety
- Marketing Manager

Future of Job Facts:



Sustainability

Will continue to be a core focus of the UK construction industry. Environmental concerns and regulations around carbon emissions are getting even tighter. This means there's a growing emphasis on building practices that minimise environmental impact. Renewable energy systems, waste management solutions, and sustainable building materials are becoming standard practice in the sector, a trend that might well accelerate in the future.



Augmented and Virtual Reality (AR/VR)

Has helped to transform design visualisation, site inspections, and training methodologies, and AI has been harnessed for predictive analytics, automation, and quality control.



Modular and Prefabricated Construction

Off-site construction methods such as modular and prefabricated construction have gained a lot of popularity in the last few years, offering a wealth of benefits including faster construction times, improved quality control, and reduced waste. By manufacturing components in controlled factory environments, off-site construction can streamline the building process and enhance project efficiency.



Cybersecurity and Data Protection Officers

As construction sites become more digitized and connected, the need for cybersecurity will increase. Future jobs will focus on protecting sensitive data, ensuring that automated systems are secure and safeguarding communication networks from cyberattacks. Workers can prepare by gaining knowledge in IT security, network systems and data protection protocols.