

# Construction

## What will I learn?

This structure has been designed to allow learners to develop the understanding and skills related to a range of job roles in construction. The units provide an overview of technical roles such as bricklayers, carpenters and electricians as well as professional roles such as site inspectors, project managers and architects and how they work together to completion construction projects. Each unit has been designed so that knowledge, skills and understanding are developed through tasks that have many of the characteristics of real work in construction. Each unit has an applied purpose which acts as a focus for the learning in the unit. This approach is called applied learning and enables learners to learn in such a way that they develop:

## What do I need to know before I can start the course?

No skills required, however, you will need to have the ability to solve problems and the ability to work alongside other professionals in a professional environment.

## What does the course involve?

This is the qualification structure:

WJEC Level 1/2 Awards in Constructing the Built Environment

Unit 1 Safety and security in construction (exam)

Unit 2 Practical construction skills (coursework)

Unit 3 Planning construction projects (coursework)

## What can I do after the course? What careers will this course be useful for?

There are many places where the construction process takes place. Bricklayers could be building a garden wall or a block work wall at the top of a new tower block. A plumber could be installing a new bathroom or fitting pipes in a petro-chemical plant. Plasterers could be working on walls that previously had asbestos and need to think about how they dispose of waste. A steel fixer could be working on a foundation or at the top of a multi-storey car-park. A roofer could be given construction drawings that contain confidential information that has to be kept secure. Trades people, inspectors, site supervisors, architects and project managers are all examples of those working construction processes take place.

## Who can I talk to for more information?

Mr McWilliams or any of the Creative Arts teachers.

## What websites can I check out?

<http://www.wjec.co.uk/qualifications/construction-and-built-environment/>