

KO 2:1 Construction Year 11 Job Descriptions

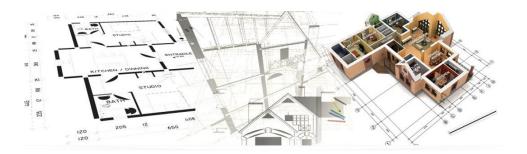


Architects-Architects design residential and commercial structures. An architect must also think about a building's style, safety and sustainability to ensure it meets the needs of its occupants as well as the requirements of council regulators. Architects work with both government agencies and private clients.

Site Engineer - He/she is part of the site management team, and takes some of the responsibility for security, health and safety, and organising and supervising materials and people. Site engineers mark out the site, make sure designs are applied correctly and liaise with main and sub-contractors and the site manager. A site engineer's role is vital to a construction project: they have a number of responsibilities including solving technical issues, providing advice, management and preparing reports.

Quantity surveyor- Acts as the client's economic consultant or accountant. They advise during the design stage as to how the work will fit into the client's budget and measure the quantity of labour and materials necessary to complete the project from drawings and other information. They measure and prepare valuations of the work carried out to date to enable interim payments to be made to the building contractor and, at the end, they prepare the final account for presentation to the client. They advise the architect on the cost of any additional work or variations.

Sub-contractor-The building contractor may call upon a specialist firm to carry out a specific part of the building work. For this, they will enter into a sub-contract, hence the term sub-contractor.









Using the information write out a job description on each craftsperson. You must include the following with the correct heading for each.

- What does each of the crafts person do?
- What do they produce/make?
- What responsibilities including health and safety does the crafts person have?

KEY VOCABULARY

Clients- Another word for a customer

Economic- Carrying out a job using cost effective ways to save money.

Valuation- This relates to evaluating a job at the end or middle of a project to see how much is left to do.