

Formworker: Standard ref: ST0461 18-week programme
Framework
delivery model

| Subject | No. of weeks | Content |
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| Pre-arrival, L1 to be complete prior to college enrolment | | |
| Functional skills | – | L1/L2 Literacy L1/L2 Numeracy |
| Block 1: 2 weeks | | |
| Health and safety | 2 | Induction; OneFile Induction; HSW basics (HASAWA, WHR, asbestos, manual handling, noise and vibration, fire awareness, COSHH); PPE/RPE; RAMS; occupational health; abrasive wheels; towers; confined space 1; small tools/equipment; storage principles |
| Remote, independent and work-based learning | – | Levelling up of functional skills; levelling up of study skills; weekly completion of site diary; regular performance review with employer |
| Block 2: 4 weeks | | |
| Planning, preparing and organising sequence of works to site programmes | 2 | Planning the most efficient and productive working sequence to construct and erect formwork while working with other trades in the same area |
| Estimating material requirements | 2 | Estimating both material and time requirements for best economic and environmental outcome |
| Remote, independent and work-based learning | – | Weekly completion of site diary; regular performance review with employer |
| Block 3: 4 weeks | | |
| Construction technology, information and communication 1 | 1 | How to communicate with other trades to plan and efficiently erect formwork ready for use |
| Construction technology, information and communication 2 | 1 | Different types of traditional and system formwork used in construction, and their capabilities; how to identify and understand information from site drawings and specifications, and be able to erect formwork from this data |
| Make, fix and strike formwork 1 | 2 | Working from specifications and drawings, make, set out and fix to correct height different types of horizontal and vertical formwork, to include both traditional and system formwork; erect any and all falsework as required to support formwork; using laser level mark and fitting arris to top of concrete height; strike, repair and make good any defects to formwork; stack and store correctly |

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| Remote, independent and work-based learning | – | Weekly completion of site diary; regular performance review with employer |
| Block 4: 4 weeks | | |
| Make, fix and strike formwork 2 | 2 | Working from specifications and drawings, make, set out and fix to correct height different types of horizontal and vertical formwork, to include both traditional and system formwork; erect any and all falsework as required to support formwork; using laser level mark and fitting arris to top of concrete height; strike, repair and make good any defects to formwork; stack and store correctly |
| Make, fix and strike formwork 3 | 2 | Working from specifications and drawings, make, set out and fix to correct height bases, beams and columns; using system and traditional shuttering, including any falsework and supports as required; erecting crane handle formwork, including integral access and scaffolding; installing pre-cast units to allow for formwork to receive concrete; strike, repair and make good any defects to formwork; stack and store correctly |
| Remote, independent and work-based learning | – | Weekly completion of site diary; regular performance review with employer |
| Block 5: 4 weeks | | |
| Construction technology, information and communication 3 | 1 | Building information modelling (BIM); schedules; specifications; programmes; quantities; drawings; methods of communication |
| Make, fix and strike formwork 4 | 2 | Working from specifications and drawings, make, set out and fix to correct height bases, beams and columns; using system and traditional shuttering, including any falsework and supports as required; erecting crane handle formwork, including integral access and scaffolding; installing pre-cast units to allow for formwork to receive concrete; strike, repair and make good any defects to formwork; stack and store correctly |
| Preparation and recap for assessments; Enrichment | 1 | Recap, practice and preparation; enrichment activities (practical skills and higher study) |