

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

Subject	No. of weeks	Content
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
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
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
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 aris 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
Block 5: 4 weeks		
Construction technology, information and communication 3	1	Building information modelling (BIM); schedules; specifications; programmes; quantities; drawings; and 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)