

Groundworker: Standard ref: ST0513 18-week programme
Framework
delivery model

Subject	No. of weeks	Content
Pre-arrival, L1 to be completed prior to college enrolment		
Functional skills	–	L1/L2 Literacy L1/L2 Numeracy
Block 1: 2 weeks		
Health and safety	1	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
Construction technology, information and communication 1	1	Methods of communication; confined space 2; accident reporting/near misses; site inductions and meetings; signs and signage; ERR; problem solving theory
Block 2: 4 weeks		
Working area protection	1	Locating services; symbols and indicators; locating, tracing and plotting onto drawing; basic site protection; signage, lighting and guarding
Levelling and setting out (LSO)	1	Instruments, terminology and techniques in LSO; LSO practices, including measurement, marking, levels, depths, heights and angles
Brickwork	1	Brickwork principles; gauging and mixing; chambers; gullies; risers; bedding covers and gratings to line and level
Excavation	1	Contaminated ground and environmental hazards; shallow trench; speed shore; grip shore and box; excavation equipment; plant marshalling and use of simulators
Block 3: 4 weeks		
Concrete 1	1	Introduction to concrete and concreting practices; concrete testing principles; ground preparation; geomembrane
Drainage 1	1	Introduction to drainage and drainage practices; basic drain and duct laying
Construction technology, information and communication 2	1	Building information modelling (BIM); schedules; specifications; programmes; quantities; drawings

Kerb laying and block paving 1	1	Setting out driveways; laying kerbs using vacuum equipment; controlling plant movement; laying flags; preparing and laying block pavements to pattern and falls
Block 4: 4 weeks		
Concrete 2	1	Foundations; pads; reinforcement
Drainage 2	1	Laying drainage to gradients; components to line and level; air and water testing
Construction technology, information and communication 3	1	Traditional and modern construction/civil engineering methods; environmental factors; technology; systems of work in various industry sectors
Preparation and recap for assessments; Enrichment 1	1	Recap, practice and preparation; enrichment activities (practical skills)
Block 5: 4 weeks		
Concrete 3	1	Practical applications; project work
Drainage 3	1	Practical applications; project work
Kerb laying and block paving 2	1	Laterals; kerb and edging; practical applications; project work
Preparation and recap for assessments; Enrichment 2	1	Recap, practice and preparation; enrichment activities (higher study)