

# Road Building & Maintenance: IST delivery model

IST ref: RB&amp;M

16-week programme

Subject	No. of weeks	Content
<b>Pre-arrival</b>		
<b>Sign up with CITB Apprenticeship Officer</b>	–	Sign up, Travel, Expenses, Accommodation (As required)
<b>Block 1: Weeks 1-2</b>		
<b>Induction</b>	2	Site induction; study skills; HSW basics (HASAWA, WHR, asbestos, manual handling, noise and vibration, fire awareness, COSHH); PPE/RPE; occupational health; small tools/equipment; storage principles  Health and Safety; RAMS; Portfolio development; Introduction to SVQ, Induction to practical training
<b>Remote, independent, and work-based learning</b>		Onsite Practical training and Experience
<b>Block 2: Weeks 3-4</b>		
<b>Cat and Genny, Dumpy and Laser level, Set up a basic Kerbline</b>	1	Introduction to Cat and Genny, Identifying electrical services underground, use a dumpy level and laser to set out heights, Set a stringline for kerbing. Read drawings and use scale rules. Tool maintenance,
<b>Work area protection</b>	1	Introduction to work area protection, Set up barriers, road signage, cones, sign lighting and guarding.
<b>Remote, independent and work-based learning</b>	–	Onsite Practical training and Experience
<b>Block 3: Weeks 5 - 6</b>		
<b>Set up footpath.</b>	1	Introduction on how to build a footpath using kerbpins, stringlines, work out

Concrete	1	Introduction to Concrete, Mixes/Admixtures, Shuttering Reinforcing, Subbase compacting, Batching, Plant. Theory and Practical training sessions. Literacy and Numeracy. Practical and Theory sessions.
Remote, independent and work-based learning	—	Onsite Practical training and Experience
<b>Block 4: Weeks 7- 8</b>		
Install Drainage	1	Introduction to drainage, know how to get a run on the pipes. Theory and Practical
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Remote, independent and work-based Learning	—	Onsite Practical training and Experience. SVQ Portfolio Gathering Evidence
<b>Block 5: Weeks 9 - 10</b>		
Slabbing and block paving	1	Introduction to Slabbing and block paving
Leveling and setting out, kerbing	1	Introduction to setting heights and placing kerbs to set heights.
Remote, independent and work-based Learning	—	Onsite Practical training and Experience. SVQ Portfolio Gathering Evidence. Submitting evidence for review.
<b>Block 6: Weeks 11 - 12</b>		
Setting out and Levelling kerbing	1	Practical level and set out kerb lines to set height.
Concrete works	1	Learn how to Make up ,Kerb Logs, concrete base of chambers
Remote, independent and work-based Learning	—	Onsite Practical training and Experience. SVQ Portfolio Gathering Evidence. Submitting evidence for review.
<b>Block 7: Weeks 13 - 14</b>		
Concrete works	1	Learn how to Make up ,kerb Logs, concrete base of chambers

<b>Drainage</b>	1	Installing Drainage connecting to road gullies and manholes Theory and Practical applications; project work.
<b>Remote, independent and work-based Learning</b>	—	Onsite Practical training and Experience. SVQ Portfolio Gathering Evidence. Submitting evidence for review.
<b>Block 8: Weeks 15 - 16</b>		
<b>Drainage/kerbing,</b>	1	Drainage/ Kerbing Theory and Practical applications; project work and assessment.
<b>Paving/ Kerbing, Concreting</b>	1	Paving/Kerbing Theory and Practical applications; project work and assessment.
<b>Work-based SVQ Assesement</b>	—	Onsite Practical training and Experience. SVQ Portfolio Gathering Evidence. Submitting evidence for Assessment.