

T LEVEL

*Technical Qualification
in Design, Surveying and
Planning for Construction*

T Level to BTEC Topic Mapping

Centre Transition Guide

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T Level to BTEC Topic Mapping

T Level Topic	BTEC National Extended Diploma in Construction & the Built Environment
Health and Safety	5 Health and Safety in Construction
Science	1 Construction Principles
Measurement	12 Measurement Techniques
Building Technology	4 Construction Technology, Unit 8 Building Regulations and Control in Construction (partial, maps to 4.3 Building Regulations only)
Information and Data	18 Building Information Modelling (partial, maps to 5.1, 5.2 only), 15 Further Mathematics for Construction (partial, maps to characteristics and applications of information such as climatic data in 5.3)
Digital Technology	18 Building Information Modelling, 2 Design (partial, maps to concepts such as Design for Manufacture and Assembly and CAD Modelling)
Construction Mathematical Techniques	1 Construction Principles, 15 Further Mathematics for Construction
Design	1 Construction Principles (partial, where concepts such as human comfort, properties of sustainable materials are introduced) 2 Construction Design
Construction and the Built Environment Industry	2 Design (partial, RIBA DPoW) 3 Tendering and Estimating (partial such as understanding supply chains, procurement process and calculating costs) 17 Projects in Construction (partial, such as economic impacts of construction projects), 16 Work Experience in Construction (partial, e.g. understanding different careers and

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	CPD), 18 Building Information Modelling, 19 Quantity Surveying, 42 The Housing Industry (partial, such as understanding housing as a sector, property and land development activity and contribution to the community and economy, PESTLE factors), 24 Property Law (partial e.g. planning permission and building regulation processes)
Sustainability	2 Construction Design (specifying sustainable methods and techniques and materials, sustainable systems such as SUDS, environmental impact assessment BREEAM, energy efficiency, waste reduction measures) 9 Management of a construction project (partial; sustainability impacts of projects & procurement), 40 Offsite and Alternative Construction Methods (partial: use of sustainable materials e.g. SIPS, concept of 'lean' construction and manufacture), 41 Renewable Energy for Housing (alternative energy technologies, energy conservation)
Relationship Management	17 Projects in Construction (partial ie understanding stakeholder roles and expectations in projects), 18 Building Information Modelling (partial ie collaboration & teamwork in project delivery)
Commercial/ Business	22 Economics and Finance in Construction (partial e.g. types of organisation, market forces & competitiveness, economic factors such as profitability in construction projects, ethics e.g CSR)
Project Management	Unit 3 Tendering and Estimating (partial: commercial risk, tendering processes and

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	documentation) Unit 9 Management of a Construction Project (partial, project management team, tools, techniques e.g. monitoring such as Gantt charts, managing procurement)
Law	24 Property Law (partial e.g. planning permission and building regulation processes), 25 Property Law (partial e.g. building regulations, types of land and property ownership, contracts)



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