

T LEVELS - WHAT'S AVAILABLE?

The information in this table is summarised from the [Gov UK/T levels website](https://www.gov.uk/t-levels). Do check the website regularly for the latest course content.

SUBJECT	WHAT WILL THEY LEARN?	OPTIONAL EXTRAS	WHAT'S NEXT?
Building Services Engineering for Construction	<p>Mandatory modules include:</p> <ul style="list-style-type: none"> ✓ health and safety ✓ the science behind building design, surveying and planning ✓ making accurate and appropriate measurements ✓ construction methods ✓ building regulations and standards ✓ data management and information standards in construction ✓ relationship management and customer service ✓ how the Internet of Things (IoT) impacts construction ✓ mathematical techniques to solve construction problems ✓ construction design principles and processes ✓ the construction industry and its role in the economy ✓ sustainability and the environmental impact of construction ✓ business, commerce and corporate social responsibility ✓ Services engineering specialisms: ✓ building services engineering systems ✓ maintenance principles ✓ tools, equipment and materials 	<p>One of the following:</p> <ul style="list-style-type: none"> ✓ electrical and electronic equipment engineering ✓ electrotechnical engineering ✓ gas engineering ✓ protection systems engineering ✓ plumbing and heating engineering ✓ heating engineering and ventilation ✓ refrigeration engineering and air conditioning engineering 	<p>Ideal for anyone wanting a career in construction, specifically in areas such as electric installation and maintenance, plumbing or heating.</p>
Design, Surveying and Planning for Construction	<p>Mandatory modules include:</p> <ul style="list-style-type: none"> ✓ health and safety ✓ the science behind building design, surveying and planning ✓ making accurate and appropriate measurements ✓ construction methods ✓ building regulations and standards ✓ data management and information standards in construction ✓ relationship management and customer service ✓ how the Internet of Things (IoT) impacts construction ✓ mathematical techniques to solve construction problems ✓ construction design principles and processes ✓ the construction industry and its role in the economy ✓ sustainability and the environmental impact of construction ✓ business, commerce and corporate social responsibility <p>topics specific to design, surveying and planning, including:</p> <ul style="list-style-type: none"> ✓ project management ✓ budgeting and resource allocation ✓ procurement ✓ risk management 	<p>One of the following:</p> <ul style="list-style-type: none"> ✓ surveying and design for construction and the built environment ✓ civil engineering ✓ building services design ✓ hazardous materials analysis and surveying 	<p>Ideal for anyone wanting a career in construction, specifically in surveying and design, civil engineering, building services design, or hazardous materials surveying.</p> <p>Students can progress into roles such as:</p> <ul style="list-style-type: none"> ▪ civil engineering technician ▪ engineering construction technician ▪ technical surveyor ▪ architectural technician ▪ building technician

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<p>Digital Business Services</p>	<p>Mandatory modules include:</p> <ul style="list-style-type: none"> ✓ how digital technologies impact business and market environment ✓ the ethical and moral implications of digital technology ✓ using data in software design ✓ using digital technologies to analyse and solve problems ✓ digital environments, including physical, virtual and cloud environments ✓ legal and regulatory obligations relating to digital technologies ✓ the privacy and confidentiality of personal data ✓ the technical, physical and human aspects of internet security ✓ planning digital projects ✓ testing software, hardware and data ✓ digital tools for project management and collaboration <p>All students will develop the knowledge and skills of a data technician:</p> <ul style="list-style-type: none"> ✓ sourcing, organising and formatting data for analysis ✓ blending data from multiple sources ✓ analysing data to support business outcomes ✓ interpreting data and communicating the results ✓ discovering, evaluation in applying sources of knowledge 	<p>None</p>	<p>Suitable for anyone wanting a career in IT, specifically in areas such as IT solutions or data analysis.</p>
<p>Digital Production, Design and Development</p>	<p>Mandatory modules include:</p> <ul style="list-style-type: none"> ✓ how digital technologies impact business ✓ the ethical and moral implications of digital technology ✓ using data in software design ✓ using digital technologies to analyse and solve problems ✓ digital environments, including physical, virtual and cloud environments ✓ emerging technical trends, such as Internet of Things (IoT), Artificial Intelligence (AI), Augmented Reality (AR), Blockchain, 3D printing ✓ legal and regulatory obligations relating to digital technologies ✓ the privacy and confidentiality of personal data ✓ the technical, physical and human aspects of internet security ✓ planning digital projects ✓ testing software, hardware and data ✓ digital tools for project management and collaboration <p>They will develop the skills to:</p> <ul style="list-style-type: none"> ✓ analyse a problem, understand user needs, define requirements and set acceptance criteria ✓ design, implement and test software ✓ change, maintain and support software ✓ work collaboratively in a digital team ✓ discover, evaluate and apply reliable sources of knowledge ✓ work within legal and regulatory frameworks when developing software 	<p>None</p>	<p>For anyone wanting a career in software production and design. Students can progress into roles such as:</p> <ul style="list-style-type: none"> • web developer • web designer • IT business analyst • Software developer • Digital marketer

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<p>Digital Support Services</p>	<p>Mandatory modules include:</p> <ul style="list-style-type: none"> ✓ how digital technologies impact business and market environment ✓ the ethical and moral implications of digital technology ✓ using digital technologies to analyse and solve problems ✓ digital environments, including physical, virtual and cloud environments ✓ legal and regulatory obligations relating to digital technologies ✓ the privacy and confidentiality of personal data ✓ the technical, physical and human aspects of internet security ✓ testing software, hardware and data ✓ digital tools for project management and collaboration <p>They will also learn about topics specific to digital support services, including:</p> <ul style="list-style-type: none"> ✓ roles within the digital support services sector ✓ communication in digital support services ✓ fault analysis and problem resolution 	<p>One of the following specialisms:</p> <ul style="list-style-type: none"> ✓ digital infrastructure ✓ network cabling ✓ unified communications ✓ digital support 	<p>This course is suitable for anyone wanting a career in digital infrastructure and support.</p> <p>Career options might include becoming an infrastructure technician or a role in IT support.</p>
<p>Education and Childcare</p>	<p>Mandatory modules include:</p> <ul style="list-style-type: none"> ✓ understanding the education and childcare sector from ages 0 to 19 ✓ child development ✓ how to support children and young people's education ✓ safeguarding, health and safety and wellbeing ✓ understanding and managing behaviour ✓ observing and assessing children and young people ✓ equality and diversity ✓ special educational needs and disability ✓ English as an additional language ✓ working with parents, carers and wider families ✓ reflective practice and other forms of professional development 	<p>One of the following specialisms:</p> <ul style="list-style-type: none"> ✓ early years education and childcare ✓ assisting teaching ✓ supporting and mentoring students in educational settings 	<p>for anyone wanting a career in early years education, childcare or assisting teaching. Students can progress into roles such as:</p> <ul style="list-style-type: none"> ▪ nursery worker ▪ teaching assistant ▪ learning mentor ▪ special educational needs teaching assistant ▪ .
<p>Health</p>	<p>Mandatory modules include:</p> <ul style="list-style-type: none"> ✓ working within the health and science sector ✓ health, safety and environmental regulations ✓ managing information and data ✓ principles of good scientific and clinical practice ✓ core science concepts including the structure of cells, tissues and large molecules, genetics, microbiology and immunology ✓ They will also learn about topics specific to health, including: ✓ understanding the healthcare sector ✓ providing person-centred care ✓ supporting health and wellbeing ✓ infection prevention and control 	<p>One of the following specialisms:</p> <ul style="list-style-type: none"> ✓ supporting the adult nursing team ✓ supporting the midwifery team ✓ supporting the mental health team ✓ supporting the care of children and young people ✓ supporting the therapy teams ✓ (from September 2022) dental nursing 	<p>This course is suitable for anyone wanting a career in health and healthcare.</p> <p>Career options might include working in a midwifery team or as an ambulance support worker among others.</p>

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<p>Healthcare Science</p>	<p>Mandatory modules include:</p> <ul style="list-style-type: none"> ✓ working within the health and science sector ✓ health, safety and environmental regulations ✓ managing information and data ✓ principles of good scientific and clinical practice ✓ core science concepts including the structure of cells, tissues and large molecules, genetics, microbiology and immunology ✓ They will also learn about topics specific to healthcare science: ✓ understanding the healthcare science sector ✓ providing person-centred care ✓ infection prevention and control ✓ good scientific practice 	<p>One of the following specialisms:</p> <ul style="list-style-type: none"> ✓ assisting with healthcare science ✓ (from September 2022) optical care services 	<p>This course is suitable for anyone interested in a career in health or science. Career options might include working as a clinical analyst or healthcare science associate.</p>
<p>Onsite Construction</p>	<p>Mandatory modules include:</p> <ul style="list-style-type: none"> ✓ health and safety ✓ the science behind building design, surveying and planning ✓ making accurate and appropriate measurements ✓ data management and information standards in construction ✓ relationship management and customer service ✓ how the Internet of Things (IoT) impacts construction ✓ mathematical techniques to solve construction problems ✓ construction design principles and processes ✓ the construction industry and its role in the economy ✓ sustainability and the environmental impact of construction ✓ business, commerce and corporate social responsibility 	<p>One of the following specialisms:</p> <ul style="list-style-type: none"> ✓ bricklaying ✓ carpentry and joinery ✓ plastering ✓ painting and decorating 	<p>This course is suitable for anyone wanting a career in construction, specifically in bricklaying, carpentry and joinery, plastering or painting and decorating. Career options might include becoming an advanced site carpenter or joiner, or a construction assembly and installation operative.</p>
<p>Science</p>	<p>Mandatory modules include:</p> <ul style="list-style-type: none"> ✓ working within the health and science sector ✓ health, safety and environmental regulations ✓ managing information and data ✓ principles of good scientific and clinical practice ✓ core science concepts including the structure of cells, tissues and large molecules, genetics, microbiology and immunology <p>They will also learn about topics specific to science:</p> <ul style="list-style-type: none"> ✓ understanding the science sector ✓ further science knowledge, including cell cycle and cellular respiration, enzyme and protein structure ✓ scientific methodology ✓ experimental equipment and techniques ✓ ethics of science 	<p>One of the following specialisms:</p> <ul style="list-style-type: none"> ✓ laboratory sciences ✓ food sciences ✓ metrology sciences 	<p>This course is suitable for anyone interested in a career in science. Career options might include working as a technical support scientist, metrology technician or food technician.</p>

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Accounting	<p>Mandatory modules include:</p> <ul style="list-style-type: none"> ✓ fundamentals of financial accounting – an understanding of elementary financial principles, concepts and practices and how this content links to relevant accounting, bookkeeping, and business mathematics requirements ✓ professionalism and ethics - an understanding of professional conduct and responsibilities in the workplace and ethical dilemmas for the individual, organisation and professional ✓ data driven innovation and analytics and design thinking – an awareness of key requirements of a data governance framework and understand the main contemporary visualisation tools and when they are best used to support decision making 	<p>The T Level will be live in September 2022, and occupational specialisms will be confirmed in Summer 2021.</p>	<p>This course is suitable for anyone interested in a career in accounting.</p> <p>Career options might include working as an accounts clerk, assistant accountant or corporate recovery analyst.</p>
Design and Development for Engineering and Manufacturing	<p>Mandatory modules include:</p> <ul style="list-style-type: none"> ✓ working within the Engineering and Manufacturing Sectors – an understanding of how materials, conditions and context influence design processes and products ✓ essential mathematics for engineering and manufacturing – a knowledge and understanding of mathematics including standard matrices and determinants and standard trigonometry ✓ materials and their properties – understanding material processing techniques and their effects on materials and material quality, the condition of materials, how these are managed, and materials testing methods and techniques ✓ business, commercial and financial awareness - basic commercial principles including commercial priorities and markets, customers/clients/partners and resource allocation 	<p>One of the following specialisms:</p> <ul style="list-style-type: none"> ✓ Mechanical engineering ✓ Electrical and electronic engineering ✓ Control and instrumentation engineering ✓ Structural engineering 	<p>This course is suitable for anyone interested in a career in design and development for engineering and manufacturing.</p> <p>Career options might include working as a mechanical design engineer or manufacturing design engineer.</p>

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<p>Engineering, Manufacturing, Processing and Control</p>	<p>Mandatory modules include:</p> <ul style="list-style-type: none"> ✓ working within the Engineering and Manufacturing Sectors – an understanding of how materials, conditions and context influence design processes and products ✓ essential mathematics for engineering and manufacturing – a knowledge and understanding of mathematics including standard matrices and determinants and standard trigonometry ✓ materials and their properties – understanding material processing techniques and their effects on materials and material quality, the condition of materials, how these are managed, and materials testing methods and techniques ✓ business, commercial and financial awareness - basic commercial principles including commercial priorities and markets, customers/clients/partners and resource allocation 	<p>The T Level will be live in September 2022, and occupational specialisms will be confirmed in Summer 2021.</p>	<p>This course is suitable for anyone interested in a career in maintenance, installation and repair for engineering and manufacturing.</p> <p>Career options might include working as an engineering technician or in machining or fabrication.</p>
<p>Maintenance, Installation and Repair for Engineering and Manufacturing</p>	<p>Mandatory modules include:</p> <ul style="list-style-type: none"> ✓ working within the Engineering and Manufacturing Sectors – an understanding of how materials, conditions and context influence design processes and products ✓ essential mathematics for engineering and manufacturing – a knowledge and understanding of mathematics including standard matrices and determinants and standard trigonometry ✓ materials and their properties – understanding material processing techniques and their effects on materials and material quality, the condition of materials, how these are managed, and materials testing methods and techniques ✓ business, commercial and financial awareness - basic commercial principles including commercial priorities and markets, customers/clients/partners and resource allocation 	<p>One of the following specialisms:</p> <ul style="list-style-type: none"> ✓ Maintenance engineering technologies: Mechanical ✓ Maintenance engineering technologies: Mechatronic ✓ Maintenance engineering technologies: Electrical & Electronic ✓ Maintenance engineering technologies: Control & Instrumentation ✓ Maintenance, installation, and repair: Light and Electric Vehicles 	<p>This course is suitable for anyone interested in a career in maintenance, installation and repair for engineering and manufacturing.</p> <p>Career options might include working as an accident repair technician or maintenance and operation engineering technician.</p>
<p>Management and Administration</p>	<p>Mandatory modules include:</p> <ul style="list-style-type: none"> ✓ business context – an overview of organisational cultures and values, different types of internal and external stakeholder, different forms of governance and the impact of organisations on society and the environment ✓ project and change management – an understanding of the common change management theories and models and how to support and improve projects ✓ business behaviours – the importance of good communication and adapting social communication styles to professional standards and according to purpose, medium and audience quality and compliance – the importance of maintaining and improving quality in all aspects of public and private sector organisations 	<p>One of the following specialisms:</p> <ul style="list-style-type: none"> ✓ Business support ✓ Business improvement ✓ Team leadership and management 	<p>This course is suitable for anyone interested in a career in management and administration.</p> <p>Career options might include working as a business improvement coordinator, team leader or project support.</p>