

# T LEVELS - WHAT'S AVAILABLE?

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

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

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<p><b>Digital Support Services</b></p>	<p><b>Mandatory modules include:</b></p> <ul style="list-style-type: none"> <li>✓ how digital technologies impact business and market environment</li> <li>✓ the ethical and moral implications of digital technology</li> <li>✓ using digital technologies to analyse and solve problems</li> <li>✓ digital environments, including physical, virtual and cloud environments</li> <li>✓ legal and regulatory obligations relating to digital technologies</li> <li>✓ the privacy and confidentiality of personal data</li> <li>✓ the technical, physical and human aspects of internet security</li> <li>✓ testing software, hardware and data</li> <li>✓ digital tools for project management and collaboration</li> </ul> <p><b>They will also learn about topics specific to digital support services, including:</b></p> <ul style="list-style-type: none"> <li>✓ roles within the digital support services sector</li> <li>✓ communication in digital support services</li> <li>✓ fault analysis and problem resolution</li> </ul>	<p><b>One of the following specialisms:</b></p> <ul style="list-style-type: none"> <li>✓ digital infrastructure</li> <li>✓ network cabling</li> <li>✓ unified communications</li> <li>✓ digital support</li> </ul>	<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><b>Education and Childcare</b></p>	<p><b>Mandatory modules include:</b></p> <ul style="list-style-type: none"> <li>✓ understanding the education and childcare sector from ages 0 to 19</li> <li>✓ child development</li> <li>✓ how to support children and young people's education</li> <li>✓ safeguarding, health and safety and wellbeing</li> <li>✓ understanding and managing behaviour</li> <li>✓ observing and assessing children and young people</li> <li>✓ equality and diversity</li> <li>✓ special educational needs and disability</li> <li>✓ English as an additional language</li> <li>✓ working with parents, carers and wider families</li> <li>✓ reflective practice and other forms of professional development</li> </ul>	<p><b>One of the following specialisms:</b></p> <ul style="list-style-type: none"> <li>✓ early years education and childcare</li> <li>✓ assisting teaching</li> <li>✓ supporting and mentoring students in educational settings</li> </ul>	<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"> <li>▪ nursery worker</li> <li>▪ teaching assistant</li> <li>▪ learning mentor</li> <li>▪ special educational needs teaching assistant</li> <li>▪ .</li> </ul>
<p><b>Health</b></p>	<p><b>Mandatory modules include:</b></p> <ul style="list-style-type: none"> <li>✓ working within the health and science sector</li> <li>✓ health, safety and environmental regulations</li> <li>✓ managing information and data</li> <li>✓ principles of good scientific and clinical practice</li> <li>✓ core science concepts including the structure of cells, tissues and large molecules, genetics, microbiology and immunology</li> <li>✓ They will also learn about topics specific to health, including:</li> <li>✓ understanding the healthcare sector</li> <li>✓ providing person-centred care</li> <li>✓ supporting health and wellbeing</li> <li>✓ infection prevention and control</li> </ul>	<p><b>One of the following specialisms:</b></p> <ul style="list-style-type: none"> <li>✓ supporting the adult nursing team</li> <li>✓ supporting the midwifery team</li> <li>✓ supporting the mental health team</li> <li>✓ supporting the care of children and young people</li> <li>✓ supporting the therapy teams</li> <li>✓ (from September 2022) dental nursing</li> </ul>	<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><b>Healthcare Science</b></p>	<p><b>Mandatory modules include:</b></p> <ul style="list-style-type: none"> <li>✓ working within the health and science sector</li> <li>✓ health, safety and environmental regulations</li> <li>✓ managing information and data</li> <li>✓ principles of good scientific and clinical practice</li> <li>✓ core science concepts including the structure of cells, tissues and large molecules, genetics, microbiology and immunology</li> <li>✓ They will also learn about topics specific to healthcare science:</li> <li>✓ understanding the healthcare science sector</li> <li>✓ providing person-centred care</li> <li>✓ infection prevention and control</li> <li>✓ good scientific practice</li> </ul>	<p><b>One of the following specialisms:</b></p> <ul style="list-style-type: none"> <li>✓ assisting with healthcare science</li> <li>✓ (from September 2022) optical care services</li> </ul>	<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><b>Onsite Construction</b></p>	<p><b>Mandatory modules include:</b></p> <ul style="list-style-type: none"> <li>✓ health and safety</li> <li>✓ the science behind building design, surveying and planning</li> <li>✓ making accurate and appropriate measurements</li> <li>✓ data management and information standards in construction</li> <li>✓ relationship management and customer service</li> <li>✓ how the Internet of Things (IoT) impacts construction</li> <li>✓ mathematical techniques to solve construction problems</li> <li>✓ construction design principles and processes</li> <li>✓ the construction industry and its role in the economy</li> <li>✓ sustainability and the environmental impact of construction</li> <li>✓ business, commerce and corporate social responsibility</li> </ul>	<p><b>One of the following specialisms:</b></p> <ul style="list-style-type: none"> <li>✓ bricklaying</li> <li>✓ carpentry and joinery</li> <li>✓ plastering</li> <li>✓ painting and decorating</li> </ul>	<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><b>Science</b></p>	<p><b>Mandatory modules include:</b></p> <ul style="list-style-type: none"> <li>✓ working within the health and science sector</li> <li>✓ health, safety and environmental regulations</li> <li>✓ managing information and data</li> <li>✓ principles of good scientific and clinical practice</li> <li>✓ core science concepts including the structure of cells, tissues and large molecules, genetics, microbiology and immunology</li> </ul> <p><b>They will also learn about topics specific to science:</b></p> <ul style="list-style-type: none"> <li>✓ understanding the science sector</li> <li>✓ further science knowledge, including cell cycle and cellular respiration, enzyme and protein structure</li> <li>✓ scientific methodology</li> <li>✓ experimental equipment and techniques</li> <li>✓ ethics of science</li> </ul>	<p><b>One of the following specialisms:</b></p> <ul style="list-style-type: none"> <li>✓ laboratory sciences</li> <li>✓ food sciences</li> <li>✓ metrology sciences</li> </ul>	<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>

# AS OF SEPTEMBER 2022

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<b>Accounting</b>	<p><b>Mandatory modules include:</b></p> <ul style="list-style-type: none"> <li>✓ 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</li> <li>✓ professionalism and ethics - an understanding of professional conduct and responsibilities in the workplace and ethical dilemmas for the individual, organisation and professional</li> <li>✓ 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</li> </ul>	<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>
<b>Design and Development for Engineering and Manufacturing</b>	<p><b>Mandatory modules include:</b></p> <ul style="list-style-type: none"> <li>✓ working within the Engineering and Manufacturing Sectors – an understanding of how materials, conditions and context influence design processes and products</li> <li>✓ essential mathematics for engineering and manufacturing – a knowledge and understanding of mathematics including standard matrices and determinants and standard trigonometry</li> <li>✓ 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</li> <li>✓ business, commercial and financial awareness - basic commercial principles including commercial priorities and markets, customers/clients/partners and resource allocation</li> </ul>	<p><b>One of the following specialisms:</b></p> <ul style="list-style-type: none"> <li>✓ Mechanical engineering</li> <li>✓ Electrical and electronic engineering</li> <li>✓ Control and instrumentation engineering</li> <li>✓ Structural engineering</li> </ul>	<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><b>Engineering, Manufacturing, Processing and Control</b></p>	<p><b>Mandatory modules include:</b></p> <ul style="list-style-type: none"> <li>✓ working within the Engineering and Manufacturing Sectors – an understanding of how materials, conditions and context influence design processes and products</li> <li>✓ essential mathematics for engineering and manufacturing – a knowledge and understanding of mathematics including standard matrices and determinants and standard trigonometry</li> <li>✓ 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</li> <li>✓ business, commercial and financial awareness - basic commercial principles including commercial priorities and markets, customers/clients/partners and resource allocation</li> </ul>	<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><b>Maintenance, Installation and Repair for Engineering and Manufacturing</b></p>	<p><b>Mandatory modules include:</b></p> <ul style="list-style-type: none"> <li>✓ working within the Engineering and Manufacturing Sectors – an understanding of how materials, conditions and context influence design processes and products</li> <li>✓ essential mathematics for engineering and manufacturing – a knowledge and understanding of mathematics including standard matrices and determinants and standard trigonometry</li> <li>✓ 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</li> <li>✓ business, commercial and financial awareness - basic commercial principles including commercial priorities and markets, customers/clients/partners and resource allocation</li> </ul>	<p><b>One of the following specialisms:</b></p> <ul style="list-style-type: none"> <li>✓ Maintenance engineering technologies: Mechanical</li> <li>✓ Maintenance engineering technologies: Mechatronic</li> <li>✓ Maintenance engineering technologies: Electrical &amp; Electronic</li> <li>✓ Maintenance engineering technologies: Control &amp; Instrumentation</li> <li>✓ Maintenance, installation, and repair: Light and Electric Vehicles</li> </ul>	<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><b>Management and Administration</b></p>	<p><b>Mandatory modules include:</b></p> <ul style="list-style-type: none"> <li>✓ 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</li> <li>✓ project and change management – an understanding of the common change management theories and models and how to support and improve projects</li> <li>✓ 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</li> </ul>	<p><b>One of the following specialisms:</b></p> <ul style="list-style-type: none"> <li>✓ Business support</li> <li>✓ Business improvement</li> <li>✓ Team leadership and management</li> </ul>	<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>