WELCOME TO

T-LEVELS AT TAMESIDE COLLEGE AND CLARENDON SIXTH FORM COLLEGE

GET READY
GET READY
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GET READY

Tameside College

Clarendon
Sixth Form College

DESIGN, SURVEYING AND PLANNING FOR CONSTRUCTION

PATHWAY: SURVEYING AND DESIGN FOR CONSTRUCTION AND THE BUILT ENVIRONMENT

CORE CONTENT
All students will develop a general understanding of construction, including:

- 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
- digital engineering techniques
- 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

CORE CONTENT
They will also learn about topics specific to design, surveying and planning, including:

- project management
- budgeting and resource allocation
- procurement
- risk management

T-LEVELS
THE NEXT LEVEL QUALIFICATION

EDUCATION AND CHILDCARE

PATHWAY:
ASSISTING TEACHING; EARLY YEARS' EDUCATOR

CORE CONTENT
All students will develop an understanding of:

- 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
- working with agencies and services that support children, families and carers
- reflective practice and other forms of professional development

OPTIONS TO SPECIALISE

- In addition to the core content, each student must choose one of the following specialisms:
- early years educator
- assisting teaching
- supporting and mentoring students in educational settings

T-LEVELS
THE NEXT LEVEL QUALIFICATION

HEALTH

PATHWAY:
SUPPORTING THERAPY TEAMS

CORE CONTENT
All students will develop a general understanding of health and science:

- 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
- further knowledge of both human anatomy and physiology and of diseases and disorders
- infection prevention and control

OPTIONS TO SPECIALISE

- In addition to the core content, each student must choose one of the following specialisms:
- 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

T-LEVELS
THE NEXT LEVEL QUALIFICATION

CRAFT AND DESIGN

PATHWAY:
TEXTILES AND FASHION MAKER

CORE CONTENT
All students will develop an understanding of a broad range of issues relevant to the sector, including:

- the creative economy
- the individual in the creative industries
- cultural context and vocabulary
- audience and consumer needs
- legal and regulatory requirements

- professional standards and conduct in the workplace
- equality, diversity and inclusion requirements
- research skills
- project methodology and administration
- continued professional development

OPTIONS TO SPECIALISE

- In addition to the core content, each student will also complete at least one module of occupation - specific content.
- The specialisms available in the Craft and Design T Level are:
- jewellery maker
- ceramics maker
- furniture maker
- textiles and fashion maker

T-LEVELS
THE NEXT LEVEL QUALIFICATION

MAINTENANCE, INSTALLATION AND REPAIR FOR ENGINEERING

PATHWAY:
LIGHT AND ELECTRICAL VEHICLES

CORE CONTENT
Students will develop an understanding of a broad range of issues relevant to the sector, including:

- 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

OPTIONS TO SPECIALISE

- In addition to the core content, each student will also complete at least one module of occupation-specific content.
- The specialisms available in the T Level in Maintenance, installation and repair for engineering and manufacturing are:
- maintenance engineering technologies: mechanical
- maintenance engineering technologies: mechatronic
- maintenance engineering technologies: electrical & electronic
- maintenance engineering technologies: control & instrumentation

T-LEVELS
THE NEXT LEVEL QUALIFICATION

DIGITAL, PRODUCTION, DESIGN AND DEVELOPMENT

PATHWAY:
DESIGN AND DEVELOPMENT

CORE CONTENT
Students will develop an understanding of:

- 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

OPTIONS TO SPECIALISE

- analysing a problem to define requirements and acceptance criteria aligned to user needs
- designing, implementing, and testing software
- changing, maintaining and supporting software
- creating solutions in a social and collaborative environment
- discovering, evaluating, and applying reliable sources of knowledge
- applying ethical principles and managing risks in line with legal and regulatory requirements when developing software

T-LEVELS
THE NEXT LEVEL QUALIFICATION

THERE IS NO LIMIT

T- LEVEL OFFER | APPLY NOW

TAMESIDE COLLEGE AND CLARENDON SIXTH FORM COLLEGE IS OFFERING THE FOLLOWING T-LEVEL QUALIFICATIONS FROM SEPTEMBER 2023

DESIGN, SURVEYING, AND PLANNING FOR CONSTRUCTION
Pathway – Surveying and design for construction and the built environment

MAINTENANCE, INSTALLATION AND REPAIR FOR ENGINEERING T LEVEL
Pathway – Light and electrical vehicles

DIGITAL, PRODUCTION, DESIGN AND DEVELOPMENT
Pathway – Design and development

HEALTH
Pathway – Supporting the therapy teams

EDUCATION AND CHILDCARE PATHWAYS
Pathway – Assisting teaching & Early years' educator

CRAFT AND DESIGN
Pathway – Textiles and fashion maker