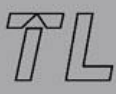


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Better Futures
Multi-Academy Trust



T-LEVELS
THE NEXT LEVEL QUALIFICATION

T LEVEL TECHNICAL QUALIFICATION IN SCIENCE (LABORATORY STUDIES)



COURSE OVERVIEW

T Levels have been designed with input from employers and sector leaders, in order to increase employer engagement in young people's technical education, to raise the status and profile of technical education, and to ensure they are rigorous and of a high-standard, suitable as a start to a career in industry or progression to higher levels of study.

There is a core component and a occupational specialism in laboratory science. All students will develop a general understanding of health and science.

They will also learn about topics specific to science, for example: further science knowledge, including cell cycle and cellular respiration, enzyme and protein structure, pathogens, classification of biological materials, kinetic changes and relevant analytical techniques.

Students covering the occupational specialism in technical laboratory science will have practical experience of activities such as:

- Paper and TLC chromatography
- Distillation
- Acid-base redox titration
- Refluxing
- Filtration
- Differential staining (microorganisms) and more

CAREER PROGRESSION

It is expected that if you obtain this qualification you will achieve a grade from A-E, from your summative assessment and a pass, merit or distinction progress onto a full Level 3 T-Level programme in Science. After you have gained the equivalent of 3 A-levels (& equivalent UCAS points) you can progress along a University Pathway, a Higher Apprenticeship or employment.

KEY FACTS

Course Duration:

- T Levels are a 2-year qualification
- One T Level is the equivalent programme of study to taking 3 A Levels and has been allocated UCAS tariff points.

Entry Requirements:

5 or more GCSEs at grade 9-4 including English Language and Mathematics and Science, or Maths and English GCSE at grade 4 Plus a Silver award in T Level Science Foundation Programme

Assessment:

You will be assessed using a set of externally written exams and an employer set project (this is a substantial project-based assessment set in conjunction with employers and the awarding organisation.

Both sets will assess student's knowledge, understanding and application.

The occupational specialism is also externally assessed through synoptic assignments, except for the observation element which is internally marked and externally moderated. There is an additional requirement to pass 315 hours of work placement developing skills within industry.

For more information go to www.gateway.ac.uk

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