

16-18

T LEVELS WITH TRURO & PENWITH COLLEGE



Outstanding Education
Inspiring Futures

↑ T LEVELS - THE NEXT LEVEL QUALIFICATION ↓ ↑ T LEVELS - THE NEXT LEVEL QUALIFICATION ↓

↑ T LEVELS - THE NEXT LEVEL QUALIFICATION ↓ ↑ T LEVELS - THE NEXT LEVEL QUALIFICATION ↓

T-LEVELS

THIS NEW QUALIFICATION COMBINES CLASSROOM THEORY AND PRACTICAL LEARNING WITH AN EXTENDED INDUSTRY PLACEMENT OF 45 DAYS.



T Levels will be of particular interest to students thinking about employment or a higher-level Apprenticeship on completion. This qualification is highly respected as a recognised vocational equivalent to three A Levels for progression to higher education.

YOUR QUESTIONS ANSWERED

How long is it? Two years.

What do you need? Four GCSEs at Grade 4 to include either English Language or Literature and/or Maths. A Level 2 Diploma at Merit in an appropriate subject can also be considered (plus English and/or Maths).

What is it? T Levels are equivalent to three A Levels. T Levels combine classroom theory, practical learning and a three-month industry placement with an employer to make sure students have real experience of the workplace. T Levels have been developed in collaboration with employers so that the content meets the needs of industry and prepares students for work. They provide the knowledge and experience needed to open the door to highly skilled employment, an Apprenticeship or higher level study.

Around 80% of your time will be spent at College with the remaining 20% being spent at your placement. This differs to an Apprenticeship, which is typically 80% on-the-job and 20% in the classroom.

Experience with a real employer in a real workplace will allow you to apply the skills and knowledge you learn in the classroom to the job, giving you a taste of the world of work you can expect once you complete your studies.





80%
CLASS WORK
20%
REAL WORK



T LEVEL CONSTRUCTION: DESIGN, SURVEYING & PLANNING

LOCATION: TRURO COLLEGE

● **Why choose this course?** If you have an interest in technical construction or civil engineering this T Level may be the right course for you.

● **What will I learn?** This T Level consists of a core component, occupational specialism and an industry placement. You will study a number of core and specialist modules to develop your knowledge, understanding and competence including: Health & safety, science, design, construction & the built environment industry, sustainability, measurement, building technology, information and data, relationship management, digital technology, construction business structure, project management, law, valuations, material properties, structural elements, loading and potential failure, maths for structural analysis, structural mechanics, maths techniques, geology and setting out earthworks. In addition to modules studied at College, you will spend a significant amount of time learning in the workplace. You will be guided and supported to develop skills and competence, applying what you have learnt to a real-world scenario.

● **Where will it take me?** With further training this qualification could lead to many careers within the building industry including construction site engineering, building control, geospatial surveying and town planning.

T LEVEL CONSTRUCTION: ON-SITE

LOCATION: TRURO COLLEGE

● **Why choose this course?** This course is for those who have an interest in construction craft skills and possibly wish to progress to an organisational role in the construction industry.

● **What will I learn?** This T Level consists of a core component, occupational specialisms, and an industry placement. You will study a number of core and specialist modules to develop your knowledge, understanding and competence including: Health & safety, science, design, construction & the built environment industry, sustainability, measurement, building technology, information and data, relationship management, digital technology, construction and business structures. In addition, you will specialise in one area of on-site construction - Plastering, Painting & Decorating, Bricklaying or Carpentry. Skills developed in your chosen specialism will be focused on preparing you for the workplace with the skills and knowledge you will need to hit the ground running. In addition to modules studied at College, you will spend a significant amount of time learning in the workplace. An employer set project will form part of your assessment. A significant work placement will allow you to develop skills and competence, applying what you have learnt to a real-world scenario.

● **Where will it take me?** With further training this qualification could lead to many careers within the building industry. T Levels will also allow progression into higher education.

T-LEVELS

DESIGNED BY 
EMPLOYERS
TO HELP YOU GET AHEAD



T-LEVELS

T LEVEL DIGITAL BUSINESS SERVICES

LOCATION: TRURO COLLEGE

● **Why choose this course?** If you have an interest in data analysis then this T Level may be the right course for you. This brand new course has been developed in collaboration with employers to give you the skills needed to gain employment within the data analysis sector.

● **What will I learn?** This T Level consists of a core component, occupational specialism and an industry placement. You will learn about; common sources of data, data structures, data blending, data architecture, solving business problems using data and interpreting data. You will also undertake an industry placement with an employer focused on developing your practical and technical skills. These will last a minimum of 45 working days but can last longer.

● **Where will it take me?** Careers within Digital Business Services include data technician, data architect, data analyst, content management and IT consultancy.

**TRURO AND PENWITH COLLEGE
IS THE ONLY PROVIDER IN
CORNWALL TO BE SELECTED BY THE
DEPARTMENT FOR EDUCATION TO
DELIVER THE FIRST T LEVELS.**



T LEVEL DIGITAL PRODUCTION, DESIGN & DEVELOPMENT

LOCATION: TRURO COLLEGE

● **Why choose this course?** If you have an interest in computer programming then this T Level may be the right course for you. This brand new course has been developed in collaboration with employers to give you the skills needed to work within the software development industry.

● **What will I learn?** This T Level consists of a core component, occupational specialism and an industry placement. The Core component topics include; fundamentals of data, physical and cloud systems, legislation and security. Occupational specialism topics covered include; systems analysis, designing and developing software, testing software, maintaining and supporting software, developing software in a collaborative environment and legal and regulatory requirements. You will also undertake an industry placement with an employer focused on developing your practical and technical skills. These will last a minimum of 45 working days but can last longer.

● **Where will it take me?** Careers within the software development industry include software testing, software development, games design, web development, and database administration.

T LEVEL DIGITAL SUPPORT & SERVICES

LOCATION: TRURO COLLEGE

- **Why choose this course?** If you have an interest in networking and security then this T Level may be the right course for you. This brand new course has been developed in collaboration with employers to give you the skills needed to gain employment working within network infrastructure.
- **What will I learn?** This T Level consists of a core component, occupational specialism and an industry placement. You will learn about; business control techniques, principles of network and infrastructure design, communication methods and problem analysis. You will also undertake an industry placement with an employer focused on developing your practical and technical skills. These will last a minimum of 45 working days but can last longer.
- **Where will it take me?** Careers within Digital Support Services include network engineer, cyber security professional, systems engineer and computer systems analyst.

T LEVEL EDUCATION & CHILDCARE

LOCATION: TRURO COLLEGE | PENWITH COLLEGE

- **Why choose this course?** If you have an interest in education and childcare then this T Level may be the right course for you. In addition to your College studies you will undertake a placement within a childcare/ education setting for a minimum of 45 days.
- **What will I learn?** In 2020 the Education pathway and Early Years pathway will be offered. These pathways will consist of studying core topics to gain knowledge and understanding, an industry placement and occupational specialist topics. Core topics include: an overview of childcare and education (0-19), child development, supporting education, safeguarding, health and safety and wellbeing, behaviour, observation and assessment, equality and diversity, Special Educational Needs and disability, English as an additional language, parents, families and carers, working with others and reflective practice. Students will study and be assessed on occupational specialism topics.
- **Where will it take me?** On successful completion of the Technical Level 3 Certificate in Childcare and Education, you will be ideally placed to seek employment in a variety of roles, such as a children's centre worker, nursery nurse, nanny, teaching assistant, or learning assistant. Alternatively, you may continue on to higher education courses in Early Years and Family Studies, or Primary Teaching.

80%
CLASS WORK



200%

REAL WORK



↑ T LEVELS - THE NEXT LEVEL QUALIFICATION ↑ T LEVELS - THE NEXT LEVEL QUALIFICATION ↑

ONE

↑↑↑↑↑↑↑

T-LEVEL

EQUALS ↑

THREE A LEVELS

T LEVEL HEALTH/ HEALTHCARE SCIENCE

LOCATION: TRURO COLLEGE | PENWITH COLLEGE

● **Why choose this course?** If you have an interest in Nursing, Health or Healthcare Science, then this T Level may be the right course for you. In addition to your College studies you will undertake a placement within a Health/Healthcare setting for a minimum of 45 days.

● **What will I learn?** In 2021 the Health and Health Science pathway will be offered. These pathways will consist of studying core topics to gain knowledge and understanding, an industry placement and occupational specialist topics. Core topics include working within the Health and Science sector, Health, Good Scientific and Clinical Practice and Core Science concepts. Students will study and be assessed on occupational specialism topics. There are a range of specialisms available, including, Adult Nursing, Midwifery, Mental Health, Supporting Care of Children and Young People and assisting with Healthcare Science.

● **Where will it take me?** On successful completion of the T-Level, you will be ideally placed to seek employment in a variety of roles within the health and social care sector. Alternatively, you may continue to higher education courses in a specific area of Nursing, Midwifery or other health related subject.

T LEVEL SCIENCE

LOCATION: TRURO COLLEGE | PENWITH COLLEGE

● **Why choose this course?** For those who have an interest in working within an industrial scientific laboratory setting, as well as the desire to learn about the application of a range of biological, chemical and physical scientific concepts.

● **What will I learn?** This T Level consists of a core component, an occupational specialism and an industry placement, which will give you valuable vocational insight and prepare you for the world of work. You will study a number of core and specialist modules to develop your knowledge, understanding and competence including: health and safety legislation, industry regulation, scientific methodology, scientific best practice and operating procedures, a wide range of experimental procedures, data handling and processing, biology (cellular biology, molecular biology, genetics, microbiology, immunology and classification), chemistry (chemical properties, reactions, acids/bases, energy changes, chemical analysis and chemical equations) and physics (electricity, magnetism, waves, nuclear radiation, gases, materials science and thermal physics). You will also undertake an industry placement with an employer focused on developing your practical and technical skills. You will be guided and supported to develop skills and competence in a variety of real-life applications, including an employer set project.

● **Where will it take me?** With further training this qualification could lead to many careers within fields including medical, chemical, biological, physical, environmental and earth science, food science, manufacture and quality control.

WHATNEXT?

Like the sound of T Levels? Find out more at one of our Open Events. There are many opportunities throughout the year to see our Outstanding College.



See our website for dates
and apply online at
truro-penwith.ac.uk



w: truro-penwith.ac.uk/tlevels

t: 01872 267000

e: enquiry@truro-penwith.ac.uk

