

Understanding Career Choices: Apprenticeships



	Learning Objective	Summary of Lesson	Key Knowledge by the End of the Lesson
1	<p>To understand the concept of career pathways</p> <p>To explore the benefits and limitations of apprenticeships</p>	<p>Introduce the idea of different career paths, including further education, work and apprenticeships. Discuss the various sectors and industries.</p> <p>Discuss how apprenticeships work, and compare them with other post-16 options like A-Levels and university.</p> <p>Flow chart showing career pathways along with images of T attending the visit</p> <p>Intro TDR – T cut lesson</p>	<p>An overview of the different career pathways, including apprenticeships, and the sectors in which they operate.</p> <p>Knowledge of how apprenticeships compare to other routes and the pros and cons of choosing this path.</p>
2	<p>To understand the application process for apprenticeships</p>	<p>Recap on the end of last lesson challenge What skills were used? How would they be applied further?</p> <p>Outline the steps to apply for an apprenticeship, including where to find opportunities and how to prepare applications.</p> <p>TDR ‘Success Story’ use https://tdrtraining.co.uk/success-stories/</p> <p>Assess those against the skills and then recap on T task</p>	<p>An understanding of how to search and apply for apprenticeships, including key elements of an application.</p>

	Learning Objective	Summary of Lesson	Key Knowledge by the End of the Lesson
4 T D R	To investigate the variety of apprenticeships available	<p>Research different apprenticeship options available, highlighting the diversity of roles across various industries.</p> <p>Amazing Apprenticeships Home / Institute for Apprenticeships and Technical Education</p>	Familiarity with the wide array of apprenticeships on offer and the sectors they cover.
5	To develop interview skills for apprenticeship applications	Role-play interviews and discuss important interview techniques and etiquette.	Improved interview skills, including how to present oneself and answer common interview questions effectively.
6	To reflect on personal skills and interests to inform career choices	Activities to help students evaluate their own skills and interests and relate them to potential career pathways.	An awareness of how personal skills and interests can guide career choices, with an emphasis on recognising alignment with apprenticeship opportunities.



Engineering & Manufacturing Apprenticeships

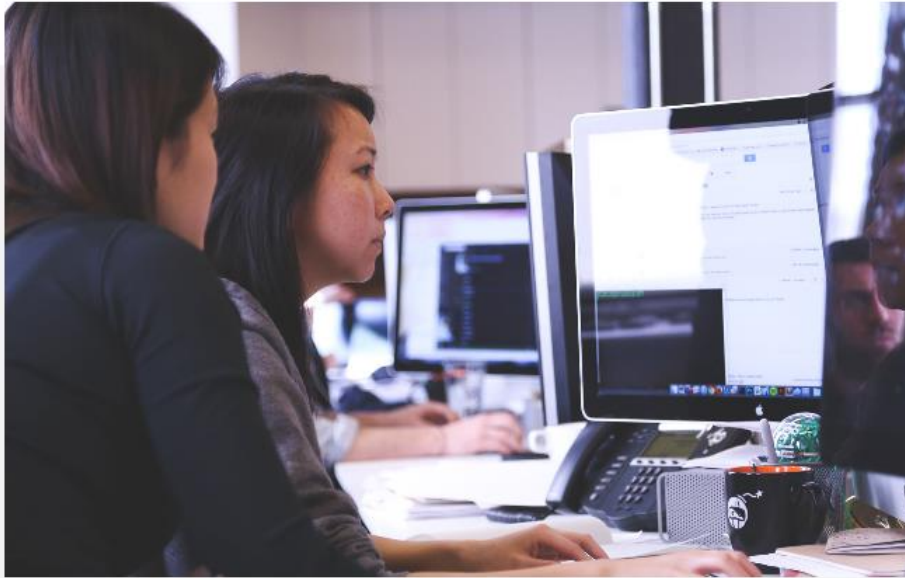
Roles within this sector are extremely varied and utilise a range of skills that would be too exhaustive to list, however, some examples are design engineer, maintenance technician, electrical engineer, fabricator/welder, instrumentation technician and mechanical engineer.

[View Courses](#)

Science Apprenticeships

The science sector continues to develop and innovate from routine day to day testing to creating new intelligence platforms. Roles within this sector are extremely varied and utilise a range of skills that would be too exhaustive to list, however, some examples are Process Operator, Laboratory Technician, Analytical Chemist and Biomedical Scientist.

[View Courses](#)



Business Admin Apprenticeships

Business administrators play a key role in keeping public, private and not-for-profit businesses around the UK running and are an essential part of any organisation. They utilise a range of key administration, customer relations, technical, practical and communication skills alongside sophisticated IT solutions to support the day-to-day running of organisations.

[View Courses](#)

Engineering Apprenticeship Access Programme

The Engineering Apprenticeship Access Programme will involve you completing a combination of the following units, designed to give you a foundation level of skills and knowledge within general engineering disciplines, leading to the achievement of the Level 2 Diploma in Performing Engineering Operations.

[View Courses](#)

Definitions, Etymologies, and Examples

Career

Definition: A career is a person's work or profession, especially over a significant period of time. It involves a series of jobs or positions in a particular field that a person chooses or is trained for.

Synonyms: Profession, occupation, vocation, job

Example Sentence: *Jane has decided to pursue a career in medicine and hopes to become a doctor one day.*

Apprenticeship

Definition: An apprenticeship is a form of workplace training where a person, known as an apprentice, learns and acquires skills in a specific trade or profession under the guidance of an experienced worker or mentor. Apprenticeships combine practical work experience with structured learning and may lead to a recognized qualification.

Synonyms: Traineeship, work-based learning, on-the-job training

Example Sentence: *Tom decided to do an apprenticeship in carpentry to learn the skills required to become a skilled carpenter.*

A Level

Definition: A level is a qualification that students in the United Kingdom take after completing their General Certificate of Secondary Education (GCSE) examinations. A levels are subject-based qualifications and often determine entry into further education, such as university or college.

Synonyms: Advanced level, advanced certificate

Example Sentence: *Sarah achieved outstanding results in her A level examinations and secured a place at her desired university.*

T Level

Definition: A T level is a qualification in England that students can choose to study after completing their General Certificate of Secondary Education (GCSE) examinations. T levels aim to provide technical education and training in specific industry sectors, combining classroom learning with work experience.

Synonyms: Technical level

Example Sentence: *Mark is excited to start his T level in Engineering, where he will gain practical skills and knowledge in the field.*

Aspiration

Definition: Aspiration refers to a strong desire or ambition to achieve or succeed in a particular area of life. It signifies having goals, dreams, and aspirations for oneself and working towards them.

Synonyms: Ambition, goal, aim, desire

Example Sentence: *Emily has high aspirations to become a successful writer and hopes to publish her own book one day.*

Vocational

Definition: Vocational refers to activities, courses, or qualifications that are related to a specific trade, industry, or occupation. Vocational education focuses on practical skills and knowledge required for a particular job or career.

Synonyms: Practical, job-oriented, trade-based

Example Sentence: *Daniel is enrolled in a vocational course in plumbing to gain the necessary skills and qualifications for a career as a plumber.*

Electrical engineer

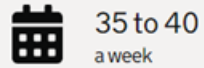
Electrical engineers design, build and maintain electrical systems, machinery and equipment.



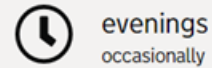
Average salary (a year)



Typical hours (a week)

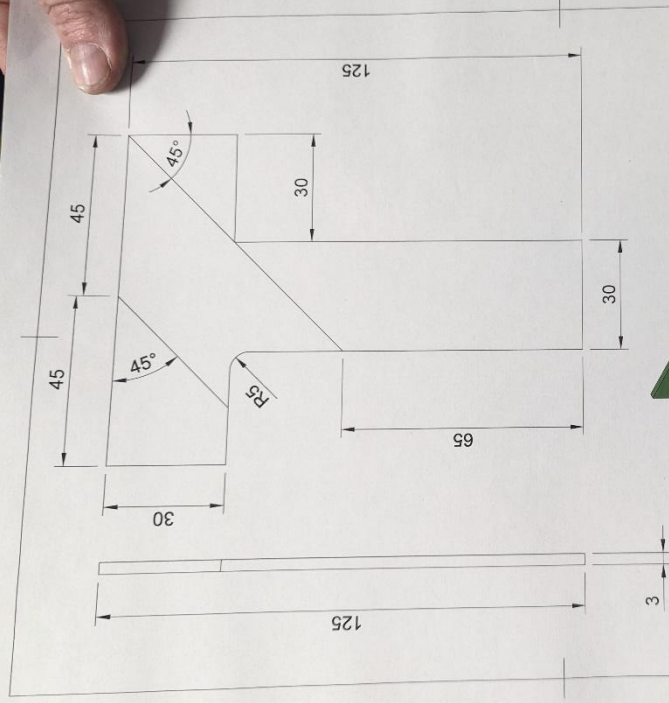


You could work



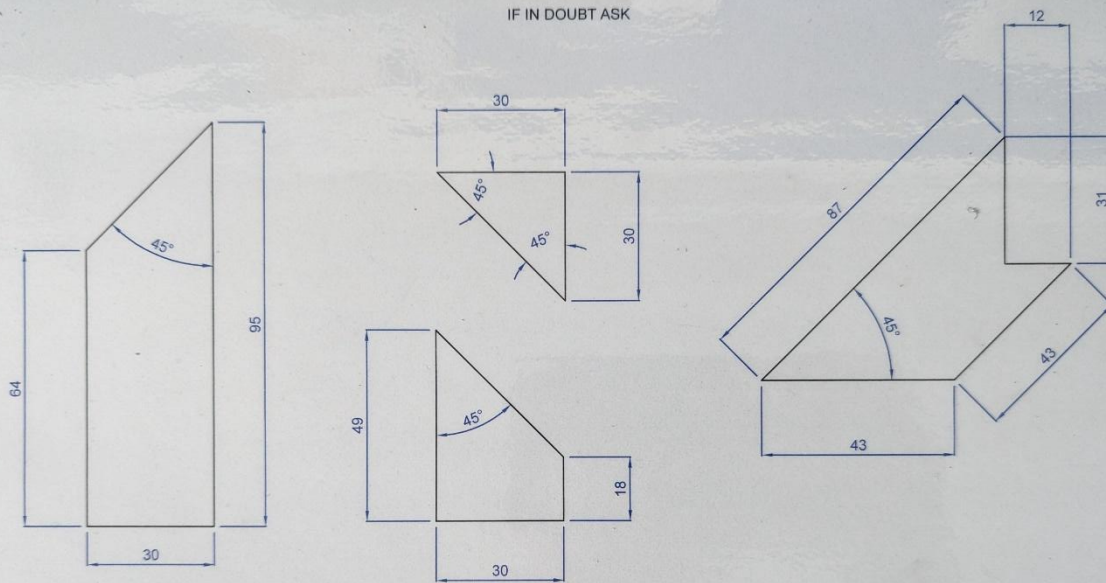
1. Why would this be a desirable career?
2. What knowledge would you need to succeed in this job?
3. What skills would be required and why?







Dept.	Technical reference	Created by	Approved by
Fitting	T Puzzle	Iain Heppell	TDR
		Document type	Document status
		Drawing	Live
		Title	DWG No.
		T Puzzle	2
		Rev.	Date of issue
		1	04/08/2023
			Sheet
			1/1

IF IN DOUBT ASK



Break all corners 0.5 x 45° unless otherwise stated

Title:	The Puzzle	Tol: $\pm 0.5\text{mm}$ unless otherwise stated $\pm 0.5^\circ$ unless otherwise stated	Matl: 30 x 210 x 3mm BMS		
Drg Ref:	T-03	Scale: NTS	Surface Finish: 1.6		
Date:	Sept 2023	All dimensions in mm	Drg By: IH		