

# Rethink Apprenticeships

## Apprenticeship and Technical Education Pathways

Local and Regional Labour Market Information and Provider Directory

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## Cambridgeshire and Peterborough Combined Authority

### My Local Area

#### World of Work Sectors

**Do you know your local area?** What is special about the Cambridgeshire and Peterborough area? It is really 3 sub-economies = known as Greater Cambridge, Greater Peterborough, and The Fens. The largest and most international is Greater Cambridge, characterised by high levels of output and skills, a rich mix of biomedical, pharmaceutical, artificial intelligence and other technology companies underpinned by 2 leading universities, one of which is amongst the greatest in the world.

In the north, Greater Peterborough is important both as the largest city and, consistently over the last decade, one of the fastest growing in the country. It is an area with an important manufacturing history. It is also home to a growing range of service, financial and professional companies which – with a new 38-minute rail connection to London – are set to expand further through government and corporate relocations out of the capital. The Fens, a largely rural area, has a diverse range of market towns; much of the best farmland in the UK; and world-class agricultural production. The Oxford – Cambridge Arc is also an economic development region that covers Oxfordshire, Buckinghamshire, Northamptonshire, Bedfordshire and Cambridgeshire.

Locally, it is predicted that for every year up until at least 2030, the population of working-age individuals will fall. Consequently, this means that even in sectors that have falling employment levels, there will still be demand for jobs and skills to replace people who retire. Most of these vacancies will be at **Level 3 and above**. The new [ARU \(Anglia Ruskin University\)](#) in Peterborough opened for students in September 2022.

Young people can use [Cambridgeshire and Peterborough Careers Explorer](#) - this is packed full of relevant information on a wide range of careers. Most importantly, the information you will find here centres on Cambridgeshire and Peterborough specifically. Just type in the career you are considering, e.g. nursing. You can then choose to explore careers, courses or apprenticeships.

Locally there are 9 priority or growth sectors: **Life Sciences, Agri -tech & food, Information Technology & Digital, Logistics & Distribution, Health & Social Care, Construction, Education & Professional Services, Advanced Manufacturing and Materials.**

Overall, CPCA's priority sectors employ 82,000 people: nearly one in five of all jobs across CPCA. Of these 82,000 employees, 37,000 are in occupations which are 'core' to the sector (e.g. software engineers in Digital and IT) while 45,000 are in enabling occupations (such as accountants).

Below you will find a fact sheet for each priority sector which can be used by staff, learners or parents.

## Life Sciences

**58,000 or 12% of the local workforce work in the professional, scientific and technical sector**

Life sciences is one of the UK's greatest business strengths, as seen in the recent research and development for the Covid vaccine. The sector covers a wide variety of interrelated fields, including pharmaceuticals, genomics, and biodata. There is a government target to increase national spending on Research and Development by a third which will be delivered by the Life Sciences Sector with a continued strong skills demand expected. Life sciences includes research, development and manufacturing of pharmaceuticals, biotechnology-based food and medicines, medical devices, biomedical technologies, nutraceuticals, cosmeceuticals, food processing, and other products that improve the lives of organisms.

The biomedical industry in Greater Cambridge, and increasingly Huntingdon, has an international reputation, and as an industry is worth around £3 billion annually to the UK economy, encompassing over 430 companies and employing over 15,000 people.

### Quick facts:

- Cambridge Biomedical Campus is the global HQ of AstraZeneca and other global industry leaders such as GlaxoSmithKline and Envigo plus Medical Research Council, Cancer Research UK
- World-leading genomics firm [Illumina](#) has a £150 million facility at Granta Park.
- New products include including Abcam (which offers research tools into proteins and other chemicals), Crescendo Biologics (therapeutics in oncology) and Kymab (developing antibody technologies). Also locally there is pioneer work on new approaches in digital health, using the local area as a testbed for innovation.
- Apprenticeship standards for the bioinformatics sector and other key sectors are being developed.
- Biotech and life sciences employers - nearly 600 companies including Napp Pharmaceuticals, Amgen, Bespak, Nestor and Medimmune.

### Local employers include:

<https://www.cambridgesciencepark.co.uk/company-directory/sectors/life-sciences/>  
[Cambridge Biomedical Campus](#); [The Medical Research Council Laboratory of Molecular Biology \(MRC LMB\)](#);  
 Huntingdon Life Sciences; Addenbrooke's is an internationally renowned NHS Trust university teaching hospital.

### Find out more:

<https://www.stem.org.uk/grand-challenges-our-futures>  
<https://career-advice.jobs.ac.uk/resources/what-jobs-could-i-do-in-life-sciences/>  
<https://www.prospects.ac.uk/careers-advice/what-can-i-do-with-my-degree/microbiology>  
[Cambridge Academy for Science and Technology](#)  
[Best universities for life sciences degrees in the UK 2023](#)

## Agri -Tech & Food

### View current local employment trends in [agriculture, food & fisheries](#)

Agri Tech is part of the food and drink industry which is one of the largest manufacturing sectors in the UK – and this became more important during the Covid-19 lockdown. This includes the whole cycle from farm to fork – such as growing, processing, manufacturing, product development, quality testing, package design, distribution, and sales. In processing related roles include product manager, quality technician, food technologist, process operative, production planner, environmental technologist, food scientist; more direct roles such as chocolatier, pastry chef, brewer and supporting roles in engineering (production), product manager, sales, marketing, administration. British farms produce 61% of the nation's food. Over 200 Agric-tech companies are within the region. Robots have been developed in several areas: harvest, data collection, weed removal and applying chemicals. Vertical farming is growing crops in vertically stacked layers inside for specific crops and saves space. Cambridgeshire and Peterborough area (and the wider east of England) is one of the most fertile soil regions in the UK. There are many progressive and innovative farmers, ground-breaking technologists and innovative companies across the food and drink value chain as well as centres of world-leading research. Peterborough region grows 20% of England's sugar beet and 24% of its potatoes.

Agri-tech means bringing together scientific and research with farmers and growers. It includes crop and food research, technology, engineering and manufacturing. Automation provides opportunities for economies of scale to increase the efficiency with which food and drink is produced, and new career opportunities are developing in engineering; robotics; software development and producing algorithms.

#### Quick facts:

- Healthier eating is becoming more important to people, including vegetarian and vegan offers – so product ranges need to be adapted.
- There is a need to reduce food waste in production, create eco-friendly packaging, and a growing demand for artisan food, man-made and locally sourced goods. More people want to use local farmers and find good produce that had less 'travel miles'.
- There is a lot of innovation in creating food and drink – over 8,000 new products are introduced into the UK each year
- Locally 38,000 people are currently employed in the agri-tech sector. This is expected to grow by 10% over the next 10 years. In 2022-23, 23% of local apprenticeships were in this sector -an increase over the previous years.
- Future developments will be in plant science and precision agriculture, including crop bioscience, engineering, robotics and information technology-based systems.
- In Cambridgeshire and Peterborough there are plans for further research and development in plant science and precision agriculture.

#### Local employers include:

[National Institute of Agricultural Botany \(NIAB\)](#); [Omnisense Ltd](#); [Purina Foods](#); [Meadow Foods](#); [McCain](#); [British Sugar](#), [Mars UK Ltd](#), [Premier Foods](#), [Nestlé Purina](#), [Bakkavor](#), and [Produce World Group](#)

#### Find out more:

[Tasty Careers](#); [The British Growers Association](#); [Lantra](#); [Greenjobs](#);

## Information Technology and Digital

This sector includes [‘Information and Communication’](#) which employs 29,000 locally or 6% of the workforce

The Digital skills sector includes software development, cyber security, computer programming, web development, telecommunication (wireless and wired) and internet provision. ICT and telecommunications are internationally significant in Cambridgeshire and Peterborough’s ICT, software and telecoms cluster employing nearly 50,000 individuals.

### Quick facts:

- In Cambridgeshire and Peterborough there are development plans to ensure that digital and information technologies (including artificial intelligence) will continue to make the Oxford Cambridge Arc the preferred global base for firms from across the world to create and adopt the technologies of tomorrow. To support this there are strategic plans to develop transport routes to make it easier to access opportunities across the Arc from the CPCA region.
- There are several leading creative and digital clusters within the Arc. In Buckinghamshire, Pinewood Studios and the National Film and Television School comprise two globally renowned state-of-the-art facilities. Milton Keynes, Peterborough, Cambridge, Luton, Northampton, Oxford, High Wycombe, South Bucks and Aylesbury all have highly concentrated creative and digital clusters with diverse specialisations. Oxfordshire is home to a range of strengths including computer games, software development, cybersecurity, high performance computing as well as film and TV including the new £78 million studio facilities at Didcot opened by Rebellion.
- In Cambridge, information technology and digital technology skills are highly concentrated, with a strong track record of establishing and growing globally significant companies.
- Technology-based creative companies turn over more than £1billion per annum in the area. The subsectors publishing, software and computer gaming are also the area’s most established creative industry clusters. Ten per cent of the UK’s computer games developers are within five miles of Cambridge city centre

### Local employers include:

Digital, information technologies and artificial intelligence: [ARM](#), the world’s premier semiconductor IP supplier; HP Autonomy- the second largest pure software company in Europe; Microsoft, Apple, Samsung, Darktrace, BenevolentAI, Featurespace, PROWLER.io, Cytora, AudioTelligence, Intelligens, Graphcore. Bauer Media, Cambridge University Press, the BAFTA-winning Sony Computer Entertainment’s Cambridge Studio, Supreme Being (urban fashion) and Jagex whose ‘RuneScape’ is the world’s most popular, free massively multiplayer online role-playing game. [Cambridge Creative Ltd](#); [Ninja Theory](#);

### Find out more:

[The Tech Partnership](#); [M16](#); [Google](#); [Chartered Institute of Marketing](#); [UKIE](#); [TIGA](#); [Video Game Careers](#); Anglia Ruskin offer a BSc in Computer Gaming Technology.

## Logistics & Distribution

Logistics and transport involve the efficient flow of goods and services locally, nationally or internationally across road, rail, air or sea. It is a global 24/7, 365 days a year industry, which supports all sectors. There is a great variety of roles aside from the driving and delivery ones that have been pushed into demand during the Covid-19 lockdowns.

Associated subsectors in logistics are wholesale, freight transport by road, storage and warehousing, rail freight, aviation and national postal activities. Roles might include transport planning, sustainability, warehouse management and passenger security. The distribution sector is dominated by small to medium-sized enterprises (SMEs).

Only 1% of organisations employ over 250 people, while 37% of all organisations in the sector are sole traders - where the business is owned and run by one person. Automation is likely to affect large scale warehouse and logistics organisations which have distribution centres. Engineering teams are needed to keep these running, with robotics and advanced engineering skills.

### Quick facts:

- 21,000 people work in this sector in across Greater Peterborough alone – servicing over 3,700 agri-tech and manufacturing companies who rely on the well-developed transport and digital infrastructure to ship, track and store goods.
- The use of electronic vehicles is increasing, and new technology enables use of all interior space more efficiently.
- Retail trends are changing as more people shop online, so more employees are needed to deliver the increased demand.
- The use of Smart cities technology and data may impact on ways of being more efficient in distribution

### Local employers include:

[Amazon](#), [Lidl](#), [Kingsley Beverages](#), [DSV Logistics](#), [Coloplast](#), [URBN](#), [Yearsley Group](#), [E-Leather](#), [Smart Garden](#), [DPD](#), [Lawrence David](#), [DFDS](#), [Knowles Transport](#); [CH Robinson](#);

**Find out more:** [Skills for Logistics](#); [Chartered Institute of Logistics and Transport](#); [Institute of Couriers](#);

# Health

**Around 55,000 people work in Health and Social Care locally**

Health care is about the treatment, control or prevention of disease, illness, injury or disability and the care of a person with those needs either in hospitals, health centres or the community. There are over 350 job roles which are in the NHS, charities, local partnerships, local authorities as well as the private sector. There are patient contact roles such as nursing, specialist consultancy, pharmacy, therapeutic roles, plus scientific roles in laboratories such as biophysicists or medical physicist. Data analytics are used to predict and prevent diseases. Robot assisted surgery is growing and wearable technology is being used to help people understand and monitor their health. Mental health is becoming an important issue- psychological therapies, counselling, and other therapies- art, drama, music therapy can help with wellbeing too. There are also support roles to enable the services to run- such as administration, finance, ICT, catering, security and maintenance, estates management.

- Quick facts:**
- Overall the NHS is the largest employer in the UK
  - **Skill Shortages:** midwives, A&E doctors, GPs, psychiatrists, nurses, sonographers, occupational therapists, bio-scientists and radiographers
  - Nursing – 94% of nursing graduates are in work within 6 months. UK qualifications are internationally recognised. There is a demand for specialist nurses such as paediatrics, chemotherapy and endoscopy
  - Volunteering is a great way to start too – you can find out more on local websites
  - 27% of all apprenticeships in Cambridgeshire and Peterborough were from the Health, Public Services and Care (in 2019/20)
  - Cambridgeshire and Peterborough NHS Foundation Trust (CPFT) employs nearly 4,000 staff at the Cavell Centre, Peterborough, and Fulbourn Hospital, Cambridge, and also across more than 50 locations. Cambridge University Hospitals NHS Foundation Trust ( CUH) – runs Addenbrooke’s Hospital and the Rosie Hospital. Both are recognised as centres of medical excellence and innovation.
  - Cambridgeshire and Peterborough CCG is one of the biggest CCGs in the country with 86 GP practices. Around 19% of the total regional job vacancies were in Health and Social Care in April 2023.

**Local employers include:** hospitals, health centres, private health care, community health, local authorities and district councils

**Find out more:**  
[www.stepintothens.nhs.uk](http://www.stepintothens.nhs.uk); [www.healthcareers.nhs.uk](http://www.healthcareers.nhs.uk); <https://www.jobs.nhs.uk/>;  
<https://www.healthcareers.nhs.uk/FindYourCareer>; <https://skillsforhealth.org.uk/>;  
<https://www.healthcareers.nhs.uk/career-planning/study-and-training/apprenticeships>  
[British Psychological Society](#); [Careers with Physics](#)

**Regional:**  
[Cambridge and Peterborough Health and Care Sector Work Academy](#)  
<https://www.cpft.nhs.uk/apprenticeships>  
<https://www.healthjobspeterborough.co.uk/community-health/>  
<https://cptraininghub.nhs.uk/healthcare-professionals/>  
<https://www.cpft.nhs.uk/aboutus>



## Social Care

Social care is about providing personal and practical care and support to help people live their lives. In a recent survey 96% of workers said this was very rewarding and that their work makes a difference to people. Work might be supporting people with physical or learning disabilities or caring for older people. Others might have mental health needs or acquired injuries and need help within their own home, in the community or in a residential home. There are also supported living and retirement housing arrangements. Roles range from front line care staff to seniors, co-ordinators, team leaders, service managers, area managers or even business directors. Housing support officers, activity co-ordinators, occupational therapists are other roles in social care – plus administration, HR, recruitment, finance, IT, marketing, catering.

### Quick facts:

- A career in social care offers **long term** employment and career progression prospects.
- **Skill Shortages:** the adult social care workforce must grow by 36% by 2035 to support the aging population; all areas of care provision are expanding.
- Health and social care services are working more closely together with new roles being created with opportunities to progress.
- Digital technologies: apps, wearable technology, remote monitoring (alarms / sensors) digital messaging are increasing across the sector to improve support and systems.

**Local employers include** local care organisations, nursing homes, supported housing organisations, day centres, domiciliary care agencies, community services – may be local councils or charity support organisations

### Find out more:

[www.skillsforcare.org.uk/thinkcarecareers](http://www.skillsforcare.org.uk/thinkcarecareers); [www.inspiredtocare.co.uk](http://www.inspiredtocare.co.uk). [www.everydayisdifferent.com](http://www.everydayisdifferent.com); [British Association of Social Workers](#); [Volunteering Matters](#); [Age UK](#);

### Cambridge and Peterborough:

<https://www.lives.org.uk/>  
<https://www.cambridgeshire.gov.uk/council/jobs-and-careers/we-love-social-workers/social-work-in-cambridgeshire-and-peterborough>

# Construction

## Local trends in Construction – 5% of the local workforce work in this sector

Construction is the planning, design and creation of buildings or infrastructure such as roads, bridges or railways. Increased demand comes from the need for more housing, environmentally friendly construction, commercial buildings and improving the infrastructure – due to population growth or increased economic activity or meeting new regulations. New environmental targets have created new areas of work such as energy efficient buildings, innovative methods of modular and off-site construction. Digital technology is used to construct 3D models or create VR displays of buildings before they are built. More homeowners have looked to improve their homes or makes changes as a result of changing working practices. Retro fitting is becoming a growth skill area to improve energy efficiency.

**Skill Shortages:** plumbers, electricians, wood trades, painters and decorators, scaffolders, bricklayers, roofers, ground workers, crane operators, interior fit-out, quantity surveyors, architects, 3D technicians, cost estimators and planners.  
Project managers are also needed, and associated roles include buyers, legal, planning, design, sales and HR, environmental managers.

- Quick facts:**
- In C&PCA 20,000 people are employed in construction
  - Working in construction can be very rewarding and varied – from the teams of people you work with to creating a finished product that benefits society.
  - There can be a lot of travel involved, working away and early starts but there are also many opportunities to progress.
  - 37% of new entrants into the construction industry that come from higher education are women
  - Commercial awareness is an important attribute that is expected from any construction graduate. The average starting salary for an apprentice is £15,000 pa

**Local employers include:**  
[Garfield Builders](#); [Mott McDonald Ltd](#); JBA Consulting; [Balfour Beatty Plc](#); [Wates Group Services Ltd](#); Holland & Reilly Ltd; many smaller construction businesses may not have websites; [Morgan Sindall Construction](#);

**Find out more: try this [construction career quiz](#)**  
[Go Construct](#); [CITB](#); [Surveying](#); [www.architecture.com](#); [National Heritage Training Group](#);  
[www.housebuildingcareers.org.uk](#); [FutureMade](#); <https://www.women-into-construction.org/>;  
[talentviewconstruction](#)

## Education & Professional Services (including Business, Finance, Law)

**Local trends:** The business, finance and professional services sector employs 2% of the regional workforce, and education employs 12%

Teaching and education is an important employment area for most areas. Most educational institutions closed during lockdown, moving to online learning or support, with some staff needing to develop their own digital skills for online delivery of learning. The accelerated changes mean there is a growing use of technology to teach, which in turn means this mirrors work in the real world. The use of AI and Augmented Reality is growing and can help to monitor student progress and support with diverse learning experiences.. Most jobs require employees to have technology skills of varying degrees. Nationally there is a shortage of teachers for specific subjects: maths, technology, physics, chemistry, history and design technology. Bursaries are available for teacher training for some subjects. In FE and HE, tutors with an industry background linked to their specialism are highly sought after. Roles in education include secondary education teachers, teaching assistants, adult tutors, English as a foreign language(EFL), primary and nursery education teachers. Other roles include special needs support, student support, careers, IT, marketing, finance and administration.

**Professional Services:** Business Administration & Law

This broad sector covers financial, business consultancy and legal services and also technical services like architecture, scientific research, as well as the support roles like administration, HR and customer service. Roles include project management, law, accountants, financial advisers, payroll and wages, Personal/ virtual assistant, property services (estate agency/letting agents, surveyors, architects) and business development.

**Growth areas:** cyber security, risk management, compliance, legal services, data protection. Tech led innovation, management software services, environmental consultancy are all business areas that are increasing.

### Quick facts:

- Linking to Cambridgeshire and Peterborough, there is the Oxford-Cambridge Arc. A world-leading economic area, strongly knowledge-intensive economy. It contains 10 diverse universities including the Universities of Oxford and Cambridge, 2 of the world's greatest and most internationally-recognisable centres of learning, and a network of cutting-edge science parks, research institutions, businesses and incubators. This makes education one of the most important industries in the area.
- There is shortage of males in early years, primary and secondary education. Maths is targeted to become a key skill up to age 18.
- There is a growing need to help adults increase their skills or retrain for new areas of work
- The Business, Administration & Law sector had 25% of local apprenticeships in 2023-23
- Global markets mean there is a demand for modern languages
- NOTE: the impact of AI like ChatGPT will also affect these roles and types of activities

**Skills and Qualities:** Presentation skills, creativity, problem solving, communication, people management, emotional intelligence, planning, patience, team work, listening

### Local education employers include:

Sixth Form and Further Education Colleges; Primary and Secondary schools. Special Schools, Training Providers, Cambridge University; Anglia Ruskin University;

### Find out more:

[Get into Teaching; www.tes.com](https://www.tes.com); [www.tefl.org](https://www.tefl.org); [FE Advice | Becoming a Further Education teacher](#)  
[www.insurancecareers.co.uk](https://www.insurancecareers.co.uk); [www.lawsociety.org.uk/law-careers](https://www.lawsociety.org.uk/law-careers); [Chartered Accountants](#); [www.cipd.co.uk](https://www.cipd.co.uk);

## Advanced Manufacturing and Materials

Engineering is all about building things to solve problems. Engineering uses scientific and practical knowledge to invent, design and construct – manufacturing is the production of goods from raw materials to finished goods and can often be very high tech (think robotics and AI); Technical knowledge is used to improve processes and give companies a competitive edge. There are different specialists’ skills and companies in different parts of the country, however there is also a need for more young people to replace the ageing workforce. Careers in manufacturing may include research, testing, developing prototypes as well as engineering and maintenance.

The **engineering construction** industry includes design, planning, construction, maintenance and decommissioning of energy and process plant infrastructure with the workforce comprising mechanical and electrical workers, technicians, engineers and many more.

### Quick facts:

- Cambridgeshire and Peterborough is an international hub of innovative business. It is leading in research in fields as diverse as artificial intelligence and agri-tech
- The Oxford Cambridge Arc is a world leader in advanced manufacturing, with particular specialisms in high-performance technology and motorsport engineering.
- Silverstone is home to 40 advanced manufacturing companies, testing facilities for materials and vehicles and the iconic F1 Circuit. More widely, there are over 4,000 businesses operating in ‘Motorsport Valley’, which extends from Northamptonshire into Oxfordshire and beyond
- ‘The Future of Mobility’ also across the Arc region, is looking at the research, development and commercialisation of connected and autonomous vehicles. The RACE Centre at Culham Science Centre is a UK centre of excellence of robotics and autonomous systems; Millbrook Proving Ground in Central Bedfordshire and, at Milton Keynes, a hub of the Connected Places Catapult and the UK Autodrive project.
- Roles can start in production line or packaging which need few qualifications for entry.
- Skill Shortages: roles in demand include electrical, mechanical and aerospace engineers, production managers and engineers, 3D printing technicians; process operators; design engineers and machine programmers; Digital engineers with coding skills are increasingly needed in high tech facilities.

### Local employers include:

[Prior Scientific Instruments Ltd](#); [GBRE](#); [PBML](#);

[Perkins](#) - which for 75 years has led the field in the design and manufacture of high performance diesel engines; [BAe Systems](#); [Marshall Aerospace](#), one of Europe’s leading aerospace companies with extensive experience in aircraft design, aircraft manufacture and aircraft maintenance. [Caterpillar](#); [ABB](#); [Geospock Ltd](#); [OAL Group](#); [Stocks AG](#); [Xampla](#);

### Find out more:

[Tomorrows Engineers](#); [Enginuity](#); [MakeUK](#); [This is Engineering](#); [The Manufacturer](#); [Just Engineers](#) (job site); <https://www.makeuk.org/future-makers/apprentices>  
<https://icould.com/explore/categories/job-types/engineering/>

## Profile of local ATE Provision

Further Education Colleges offer a wide range of **vocational education pathways**, which focus on work related skills and knowledge. These courses are usually very practical and can involve learning in real life situations. Some of these, at Level 3, can be studied alongside or as alternatives to A Levels.

Types of Qualifications	
BTECs	<ul style="list-style-type: none"> <li>Specialist vocational (work-related) qualifications that combine practical and written work.</li> <li>Nationally there are 2,000 BTEC qualifications across 16 different business and industry sectors, from childcare to construction and from engineering to travel and tourism.</li> <li>These can be studied from Entry Level (pre Level 1) through to Level 7 – equivalent to post graduate study</li> </ul>
NVQs Or Technical Qualifications	<ul style="list-style-type: none"> <li>These are work-related qualifications.</li> <li>Nationally these are available in more than 1,000 subjects across a wide range of business sectors, including business and management, construction, manufacturing and healthcare.</li> <li>NVQs can be taken by full-time employees or by school and college students who have a work placement or part-time job that enables them to develop the appropriate skills.</li> <li>There are 5 NVQ Levels</li> </ul>

### Cambridgeshire and Peterborough FE Colleges: Sectors & Levels for 16+

Cambridge Regional College		College of West Anglia	
Art & Design	Level 1,2,3	Agriculture & Horticulture	L2 & 3
Beauty Therapy	Level 1,2,3	Animal Care	Level 1,2,3
Business & Law	Level 1,2,3	Art Design & Fashion	Level 1,2,3
Catering & Hospitality	Level 1-4	Business Management & Tourism	Level 1,2,3
Childcare & Early Education	Level 1- 5	Catering & Hospitality	Level 1,2,3
Computing & IT	Level 1,2,3	Childhood Studies & Early Years	Level 1,2,3
Construction & trades	Level 1,2,3	Computing Games Design & IT	Level 1,2,3
Engineering	Level 1- 4	Construction & Trades	Level 1,2,3
Esports & Games Development	Level 2 & 3	Creative Media	Level 2 & 3
Hairdressing	Level 1,2,3	Engineering	Level 2 & 3
Health & Social Care	Level 1,2,3	Equine & Horse Care	Level 1,2,3

Media Production / Technology	Level 1,2,3	Graphic Design & Photography	Level 3
Media Make Up	Level 3	Hair Beauty & Media Make up	Level 1,2,3
Motor Vehicle	Level 1,2,3	Health & Social Care	Level 1,2,3
Music	Level 2 & 3	Humanities & Social Sciences	Level 3
Performing Arts	Level 2 & 3	Motor Vehicle	Level 1,2,3
Science & Forensics	Level 3	Music & Performing Arts	Level 2 & 3
Sports Studies	Level 1,2,3	Public Protective Services	Level 1,2,3
Travel & Tourism	Level 1,2,3	Science	Level 2 & 3
Uniformed Public Services	Level 2 & 3	Sport	Level 1,2,3
<b>City College Peterborough</b>		<b>Peterborough College</b>	
Animal Care	Level 1	Animal Care	Level 1,2,3
Business & Enterprise	Level 1 & 2	Art, Design & Photography	Level 1,2,3
Childcare	Level 1 & 2	Business Accountancy & Management	Level 1,2,3
Health & Social Care	Level 1 & 2	Childcare, Health & Social Care	E3 to L3
Hospitality & Catering	Level 1 & 2	Computing & IT	Level 1,2,3
Motor Vehicle	E3 & L1	Construction	Level 1,2,3
Creative Craft	E3, L1 & 2	Engineering & Motor Vehicle	Level 1,2,3
Independence Skills	E1- E3	Hairdressing Beauty & Complementary Therapies	Level 1,2,3
		Hospitality & Catering	Level 1,2,3
		Media & Journalism	Level 1,2,3
		Performing Arts & Music	Level 1,2,3
		Public (Uniformed Services)	Level 1,2,3
		Science	Level 1,2,3
		Sports Studies	Level 1,2,3
		Travel & Tourism	Level 1,2,3

## Cambridgeshire and Peterborough local providers of T Levels (2023)

T Levels are nationally-recognised qualifications for 16 to 19-year-olds that takes 2 years to complete. T Levels have been designed with leading businesses and employers to give young people the knowledge and skills they need to work in specific industry sectors. One T Level is roughly equivalent to three A Levels

Click on each subject to access the corresponding course information page on the learning organisation’s website (Ctrl click).

Cambridge Regional College <i>Cambridge &amp; Huntingdon</i>	<a href="#">Education &amp; Childcare</a>
Long Road Sixth Form College <i>Cambridge</i>	<a href="#">Education &amp; Childcare (2024)</a>
College of West Anglia <i>King’s Lynn</i>	<a href="#">Health &amp; Adult Nursing</a> <a href="#">Laboratory Science / Technician</a> <a href="#">Childcare</a> <a href="#">Business Management &amp; Administration</a> <a href="#">Computing – Digital Support Services</a>
Cambridge Academy for Science & Technology	<a href="#">Laboratory Sciences</a> <a href="#">Healthcare Science</a> <a href="#">Health</a>
City College Peterborough	<a href="#">Education &amp; Childcare</a> <a href="#">Management &amp; Administration</a>
Longsands Academy	Approved for T Levels from 2023 – for current details see <a href="#">6<sup>th</sup> Form Curriculum</a>
Peterborough College	<a href="#">Digital Production, Design and Development</a> <a href="#">Health (Adult Nursing)</a> <a href="#">Education and Childcare (Early Years Educator)</a> <a href="#">Engineering, Manufacturing, Processing and Control</a> <a href="#">Design, Surveying and Planning for Construction</a> <a href="#">Science (Laboratory Sciences)</a>

To find out more about T Levels go to <https://www.tlevels.gov.uk/>

To find out about each subject area go to [T Level subjects | T Levels](#)

### 16+ Options for SEND or EHCP learners:

**Supported Internships:** These are for 16–24-year-olds with learning difficulties or disabilities. They combine experience of work and qualifications in a personalised programme.

**Local Providers:** [Cambridge Regional College](#) at their Cambridgeshire and Huntingdon sites. [College of West Anglia](#), [City College Peterborough](#) and [Peterborough Regional College](#) also offer some.

## Cambridgeshire and Peterborough local providers of Apprenticeship (2023)

An apprenticeship is a paid job where the employee learns and gains valuable experiences. Alongside on-the-job training, apprentices spend at least 20% of their working hours completing classroom-based learning with a college, university or training provider which leads to a nationally recognised qualification. Apprenticeships take between one and five years to complete and there are around 600 different apprenticeships.

Growth Works with Skills works actively with local employers and the apprenticeship provider network to identify and showcase apprenticeship opportunities in Cambridgeshire and Peterborough. For more information go to [Apprenticeships | Cambridgeshire and Peterborough | Growth Works With Skills](#)

Click on the links below to find out more about the apprenticeship programmes offered by the following local/regional providers.

Learning organisation	Weblink	Level
Anglia Ruskin University	<a href="#">Degree apprenticeships - ARU</a>	Level 6, Level 7
Inspire Education Group	<a href="#">Inspire Education Group</a> <a href="#">Inspire Education Group - list of apprenticeships</a>	Level 2 to Level 7
Cambridge Regional College	<a href="#">Cambridge Regional College apprenticeships</a>	Level 2 to Level 5
Lifetime Training Group Ltd	<a href="#">Empowered Skills Training   Lifetime Training</a>	Level 2 to Level 5
West Suffolk College	<a href="#">Apprenticeships (wsc.ac.uk)</a>	Level 2 to Level 7
The College of Animal Welfare	<a href="#">Apprenticeship courses   CAW</a>	Level 2 to Level 5

The table below indicates the corresponding education level:

Type of apprenticeship	Level	Equivalent education level
Intermediate	Level 2	GCSE
Advanced	Level 3	A Level
Higher	Levels 4 and 5	HNC, Foundation Degree
Degree	Levels 6 and 7	Bachelor's or Master's Degree



## Degree Apprenticeships

Current apprenticeships available at Anglia Ruskin University: : <https://www.aru.ac.uk/study/degree-apprenticeships/employer/current-vacancies>

### Examples of local employers

- Astrea Bioseparations Ltd
- Hainstone Group Ltd
- Living Sport Ltd
- East of England NHS
- BOOM Construction Ltd
- CB3 Consulting
- The Metropolitan Police

### Examples of local pathways:

- Research and Development Assistant
- Apprentice Quantity Surveyor
- Digital Marketing Apprentice
- Nursing Apprenticeships
- Police Constable
- Manufacturing Engineer
- Environmental Practitioner
- Project Manager

### Useful links:

To find out more about **LMI for Cambridgeshire and Peterborough**, the following websites may offer useful information:

[Cambridge Cluster Insights - Cambridge Ahead](#)

[Skills - Cambridgeshire & Peterborough Combined Authority \(cambridgeshirepeterborough-ca.gov.uk\)](#)

[Trends - Labour Market Information \(cambspeterboroughlmi.co.uk\)](#)

[Greater Cambridge/Greater Peterborough LEP priority areas | One East Midlands](#)

[ca-spring-2022-future-of-work-roundtable-report.pdf \(cambridgeahead.co.uk\)](#)

[Districts \(cambspeterboroughlmi.co.uk\)](#)