

STEP INTO...

ENGINEERING



How to use this resource

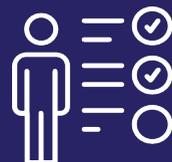
This guide is here to help you explore different job opportunities, understand how your skills can be applied in Engineering, and discover the pathways that can lead you to a fulfilling career.



Basic LMI: Learn about Engineering jobs, how many people are employed and the companies you could work for. This will give you a broad understanding of the job market.



Explore Jobs: Discover descriptions of different jobs to find ones that interest you.



Apply Your Skills: See how the Skills Builder Universal Framework can be used in jobs to develop skills like teamwork and problem-solving. Your tutor or adviser will help you to review your skills and rate your current ability. There is also an opportunity to provide your own examples.



Discover Pathways: Find out about education, training programs, and other resources to guide you on your career journey.



Are you good at building or putting things together?



Do you love watching machines and robots in action?



Do you enjoy learning about how things are designed and created?

If the answer is **YES** then a job in Engineering could be for you.

DID YOU KNOW...

Nearly everything you see will have been manufactured? This includes the clothes you are wearing, the materials needed to make nearby buildings and the aeroplanes in the sky.

There are...

13,170

engineering and manufacturing businesses across Central London.

38,810

people are employed in engineering and manufacturing roles across Central London.



Could you be one of them?

WHERE CAN YOU FIND LOCAL VACANCIES?



Manufacturing Companies



Engineering Firms



Construction Sites



Software & IT Companies



Aerospace Companies



Automotive Companies

LOCAL INCLUSIVE EMPLOYERS INCLUDE...

SIEMENS

ARUP

Heathrow
Making every journey better



Jacobs

ATKINS

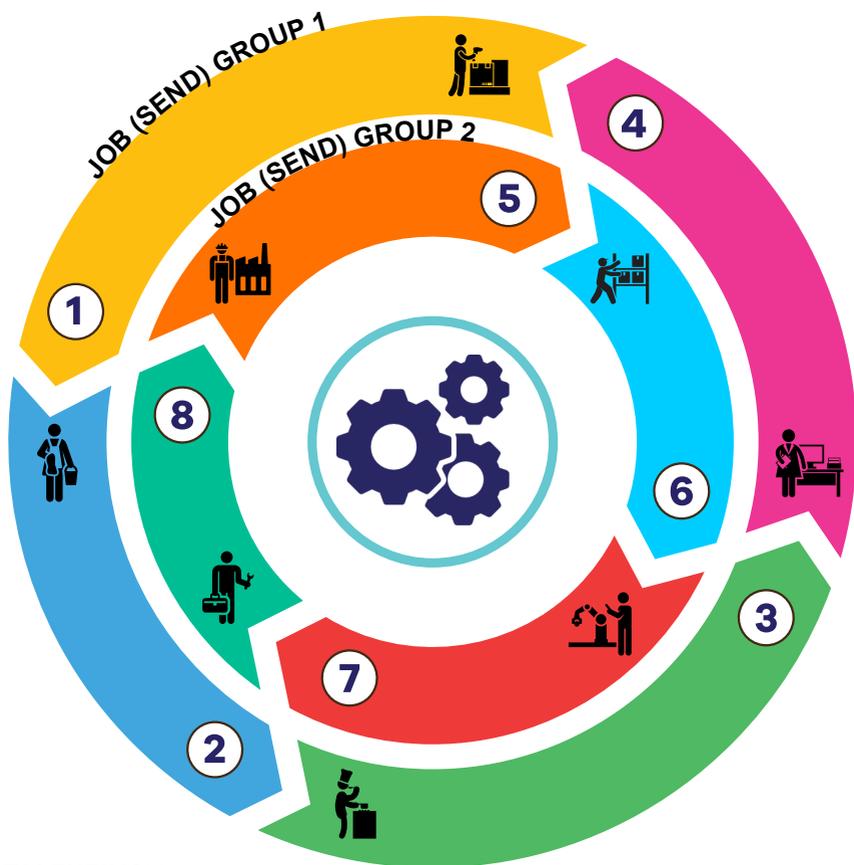
AECOM



Member of the SNC-Lavalin Group

WHAT JOBS CAN YOU DO?

In Engineering, you can make real products, solve challenges, and work with a team to bring ideas to life!



TALENTINO[®]!

The CEC has adopted Talentino's #SameAndDifferent model, a national SEND school career framework designed to deliver effective career activities for young people with SEND. Developed from Talentino's work in schools, this concept enhances early career development and encourages employers to support the progression of individuals with SEND.



JOB GROUP 1

don't require Level 2 Qualifications / GCSEs but can lead to supported employment, Supported Internships, Inclusive Apprenticeships, supported Enterprise, T-Levels, Traineeships and FE College.



Packaging Assistant

They pack products, label containers, and prepare items for shipment to meet company standards.



Annual Salary

£15,000 - £24,000



Cleaning Assistant

They keep equipment, floors, and work areas clean and safe.



Annual Salary

£17,000 - £24,000



Production Cook / Chef

They prepare ingredients, cook meals, assemble food products, and ensure kitchen cleanliness and safety.



Annual Salary

£15,500 - £26,500



Office Assistant

They help organise meetings, type documents, and update records.



Annual Salary

£14,000 - £28,000

JOB GROUP 2

do require at least Level 2 qualifications / GCSEs and can lead onto a Apprenticeships, University, College, Employment or Enterprise.



Production Worker

They operate machinery, assemble parts, and perform quality checks in manufacturing.



Annual Salary

£22,000 - £28,000



Stock Assistant

They help manage stock, ensure proper packaging and distribution, update records, and address customer queries.



Annual Salary

£22,000 - £28,000



Assembly Line Worker

They assemble parts, follow production instructions, and make sure products meet safety standards.



Annual Salary

£14,500 - £22,000



Engineering Technician

They assist engineers in developing new projects, designs and testing procedures.



Annual Salary

£18,500 - £28,000

HOW DO ESSENTIAL SKILLS HELP?



Actively listening during safety briefings or design reviews.



Explaining technical details to colleagues or presenting solutions to clients.



Troubleshooting machinery issues or optimising production processes.



Designing new products or improving existing designs.



Staying motivated during complex projects.



Setting and meeting quality benchmarks for manufacturing.



Managing a team for a project or production line.



Working with a team to meet production targets.

Rate your ability in each skill on a scale of 1 😞 to 5 😊.

Can you provide any examples of when you have used each skill?

Skill **Rating (1-5)** **Examples of when you have used this skill.**



1 2 3 4 5

☹️ ☹️ 😐 😊 😊



1 2 3 4 5

☹️ ☹️ 😐 😊 😊



1 2 3 4 5

☹️ ☹️ 😐 😊 😊



1 2 3 4 5

☹️ ☹️ 😐 😊 😊



1 2 3 4 5

☹️ ☹️ 😐 😊 😊



1 2 3 4 5

☹️ ☹️ 😐 😊 😊



1 2 3 4 5

☹️ ☹️ 😐 😊 😊



1 2 3 4 5

☹️ ☹️ 😐 😊 😊

ROUTES & PATHWAYS

Discover local options by clicking or scanning the QR codes on the following pages.

For more details about the pathways available



SCAN ME



SUCCESS

1

EMPLOYMENT

Supported Employment, Inclusive Employment, Self Employment / Freelance



2

VOLUNTEERING

Supported Volunteering / Work Placement (short or long term / during school after school)



3

APPRENTICESHIPS

Inclusive Apprenticeships (1-2 yrs), Apprenticeships (1-5yrs)



4

FURTHER EDUCATION

A Levels (2yrs), T Levels (2yrs), FE College (1-5yrs), Specialist College (SEND - 1-6yrs),



5

SUPPORTED INTERNSHIPS

Supported Internships (6months - 1yr)



1. EMPLOYMENT



Earn money



Learn and grow



Contribute to society

2. VOLUNTEERING



Helping the community



Learning new skills



Feeling happy

3. APPRENTICESHIPS



On the job training



Earn while you learn



Excellent job outcomes

4) FURTHER EDUCATION



Learn what you love



Gain practical skills



Different levels for everyone

5) SUPPORTED INTERNSHIPS



Learn on the job



Get extra help



Prepare for future jobs

1. EMPLOYMENT



Street League



Whizz Kidz



Mencap



Haringey London



Shaw Trust



Ingeus



Thera Trust



Camden Disability Action



Choice in Hackney



2. VOLUNTEERING



Haringey Volunteer Centre



Volunteer Centre Camden



Voluntary Action Islington



NHS Central London Community Healthcare



Southwark Council



Volunteer Centre Tower Hamlets



Lambeth Council



Voluntary Centre Kensington & Chelsea



Lewisham Local



3. APPRENTICESHIPS



Haringey Works



Camden Apprenticeships



Islington Council



Hackney Council



New City College (Tower Hamlets)



Wandsworth Lifelong Learning



LeSoCo



LIFT



Lambeth College



4) FURTHER EDUCATION



City and Islington College



Camden College



New City College (Hackney)



City of Westminster College



New City College (Tower Hamlets)



South Thames College



Lambeth College



Southwark College



Lewisham College



5) SUPPORTED INTERNSHIPS



Shaw Trust



Mencap Training Academy



West Lea



Transport for London



Care Trade



DFN Project SEARCH



Harington



Choices College



Ambitious College



BUILD YOUR VOCATIONAL PROFILE

Helping you to explore future pathways

Education choices and future planning tools for young people with SEND

Scan to START building your Vocational Profile

