



**Employment
and Skills
Board**

careers and opportunities in

CONSTRUCTION

ESSEX 2016-17

**STOP
THERE!**



Construction isn't a last resort!

Construction isn't just for men!

Construction isn't just about putting bricks on more bricks!

In fact, you won't see a single brick in this booklet and construction is one of the most diverse sectors in the UK, with over 15,000 businesses in Essex alone! You can see some of the various roles that you could do in construction further on in this section, but first, let's get a bit more of an idea as to how important this sector is!

10K
job postings
were available
in 2015
in Essex

In 2014,
construction
contributed
£103bn
to the UK

6.2%
jobs in the UK
were in
construction
in 2015



**CONSTRUCTION IS ONE OF THE
LARGEST GROWTH SECTORS
IN GREATER ESSEX!**



CONSTRUCTION HAS MORE THAN 85,000 EMPLOYEES ACROSS ESSEX THAT'S GREATER THAN THE POPULATION OF MALDON!

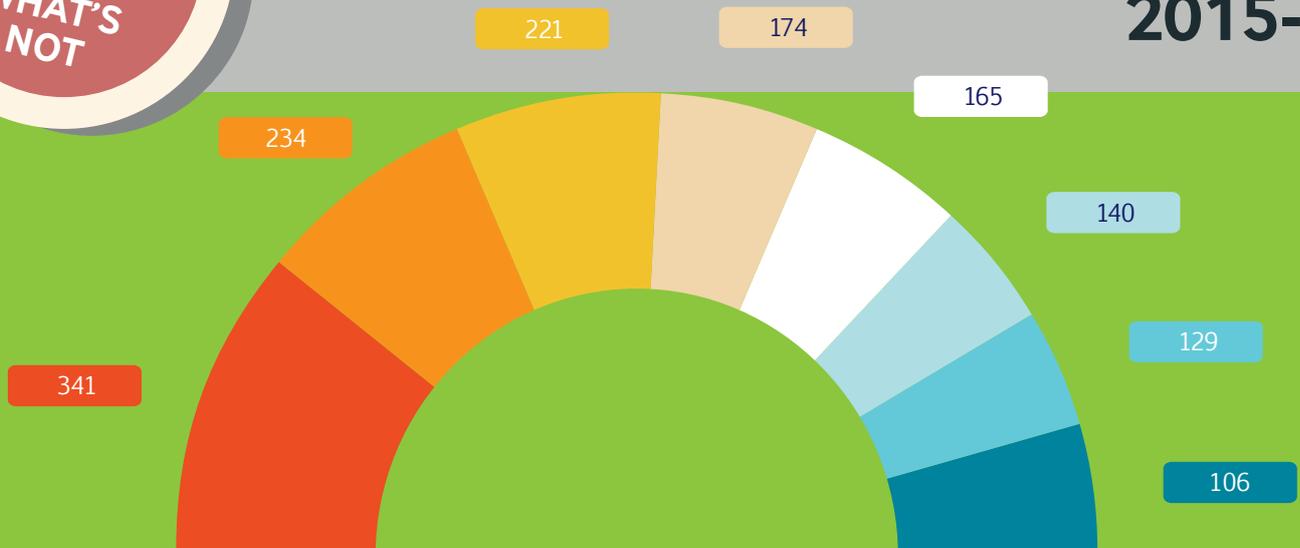
New technology and equipment, as well as legislative changes, will make a big difference to construction. What does this mean? It means that employers will be looking for people with the right skills to fill the many new opportunities that will be available.

The number of skill-shortage vacancies between 2013 and 2015 has doubled within the sector. That's not a good thing, but this means that there are even more opportunities for you to get involved in the sector!

Construction output in the East of England (that includes Essex!) is set to grow on average by 2.3% every year until 2020!



10,000+ ESSEX JOB VACANCIES 2015-16



- Quantity Surveyor
- Labourer
- Site Manager
- Field Service Engineer
- Electrician
- Construction Manager
- Service Engineer
- Carpenter

Less competitive



More competitive

WHAT'S OUT THERE FOR ME?

There are hundreds of opportunities available in this sector. We'll only show you seven for now, but take a look at some of the different roles available in construction and click to go to [Go Construct](#) if you're looking for something else within this industry!



Water Network Operator £17k - £25k+

Water Network Operators are the construction heroes that build systems that clean our water and direct it straight to our homes. Not only do they do this, but they also provide consultation and work with designers and engineers to maintain the intricate systems.

Rural Surveyor £25k - £40k+

Rural Surveyors transform muddy fields into goldmines! These land managers value property and assets and plan and develop land use. Data is their secret weapon, gaining as much information on their area as possible to exploit it for maximum results.



Steel Fixer £20k - £35k+

You know what's stronger than a solid steel support beam? The people that use them to reinforce sky-scrapers and bridges. Sometimes, a building needs a little help to keep standing tall, Steel Fixers use steel constructs and practical skills to make these buildings stronger than ever.

Road Worker £15k - £24k+

It's just building roads, right? Well, no. Road Workers are responsible for a whole lot more: laying drains, kerbs and pipes, digging trenches, painting road markings and integrating traffic lights and other signals so that traffic can move smoothly.



Demolition Operative £20k - £35k+

You can't just ram a building with heavy machinery and load it with explosives! Demolition Operatives have to be strategic and know the right approach to take any building down with minimum input and maximum safety, just in time to make way for a whole new building!

Civil Technician £21k - £30k+

Technicians support engineers by designing and developing a range of projects that will benefit residents or businesses. They're the go-to guys and girls for things like testing construction materials, preparing reports on the project and make sure that the work site is safe to build on.



Architectural Technician £25k - £35k+

You don't need a fancy moustache to be an Architectural Technician, and it won't help either. What you need is a critical eye to make precise drawings that will be used as a detailed guide for others to create your masterpieces! It's like Ikea for buildings and you make the instructions!

SKILL CITY



It's easy to get from A to B when you know how. Here's a little guide to give you an idea of how you can get to your next stop. Whatever your path, there are no dead-ends! Employability skills are crucial in your rise to an awesome career so the fastest way to the top is to get as much experience as much as you can!





■ Total job postings for construction (10,000)
 ■ Total job postings for all growth sectors (75,700)

The construction sector is expected to grow, with over 14,000 new workers in the East of England from 2015 to 2020.



Construction is becoming increasingly connected with the technology in the IT, digital and creative sector.

Essex is going to be a hotspot for new housing developments. What does all this mean? Answer: more construction!



Construction is a practical industry, so a qualification that shows your practical skills (like an NVQ) will be really valuable, but if academics are your thing, you still have plenty of opportunities to enter the sector with a degree.



WHERE IN ESSEX?

See how many vacancies were in your area in 2015, and then check some of the brilliant local construction companies in the Local Businesses box, you could be working for one of them one day!

VACANCIES BY DISTRICT



LOCAL BUSINESSES

BASILDON -Graysteel -JNG Construction -Swan Housing Association	BRAINTREE -Nigel Brand Builders -Pioneer Fabrications	BRENTWOOD -BH Construction -Bloomfield Construction Ltd -PMD Construction
CASTLE POINT -G&K Groundworks -South Eastern Construction	CHELMSFORD -Anderson Group -Bellway Homes Ltd -Ringway Jacobs	COLCHESTER -Brennan Ltd -Cadman Group -Horizon Construction
EPPING FOREST -Gillard & Sons -Higgins -Mason Construction	HARLOW -Concept Doors -Oakmont Construction -Ronacrete Ltd	MALDON -Core Construction -Cutting Edge Carpentry
ROCHFORD -Beavis Construction -OCL Rail Ltd -Turner Bros	SOUTHEND -Alpine Construction -Birch -MAH Builders	TENDRING -Burfoot Construction -NCC Essex -TTSS
THURROCK -Hanson Cement -John F Hunt Demolition Group -TAG Cons. UK	UTTLESFORD -Byford & Co. -CEMEX Concrete Plant -Power Construction	

ADVERTISED IN ESSEX

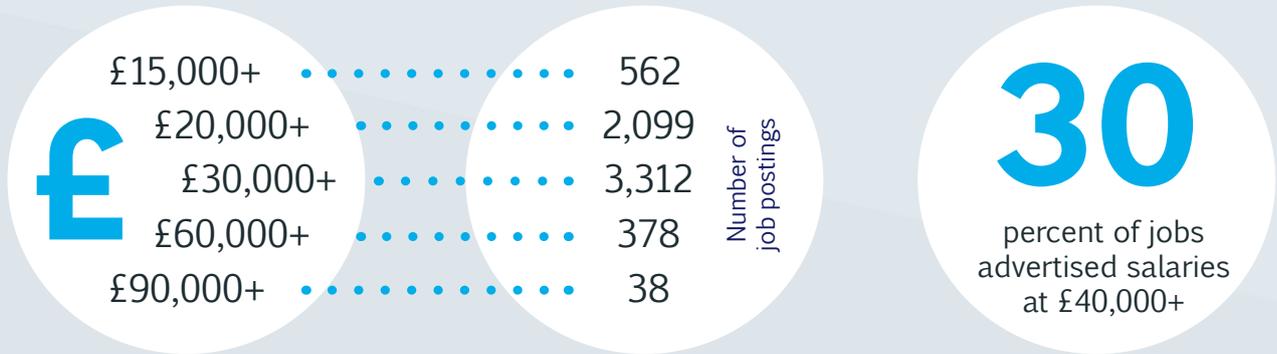
OCCUPATIONS

Civil Engineer | Architect | Draughtsperson | Painter/Decorator

Construction Operative | Scaffolder/Stager | Glazier

Rail Construction Operative | Roofer/Tiler | Steel Operative

SALARIES



TOP SKILLS ESSEX EMPLOYERS ARE LOOKING FOR...

Repair | AutoCAD | Civil Engineering | Inspection | Procurement

Contract Management | Electrical Work | Mechanics | First Aid

Plumbing | Machinery | Revit | Mathematics | Forklift Operation

WHAT NOW?

Sounds good, right?! So what can you do to kick start your awesome career in construction? There are lots of ways for you to get your hands on even more information:

CITB - citb.co.uk

Go Construct - goconstruct.org

Institute of Civil Engineers - ice.org.uk

Also, remember that gaining skills through experience is really important. Whether you are on a college course, an apprenticeship, or undertaking voluntary work, employers will always want to hear about your knowledge and skills!



@EssexESB #WYT

Like what you see? Tweet about it!



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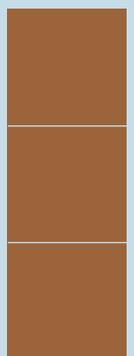
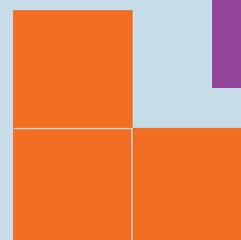
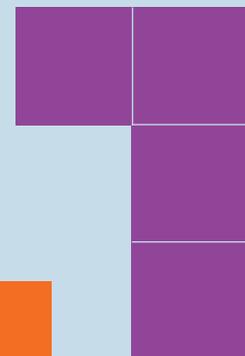
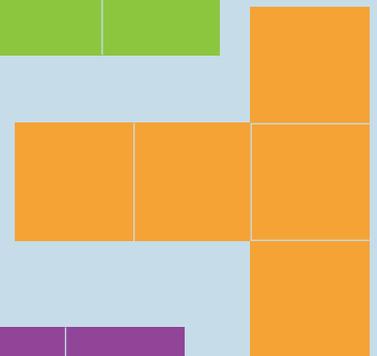
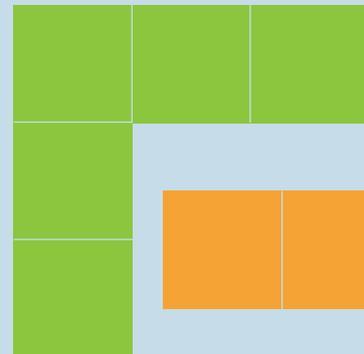
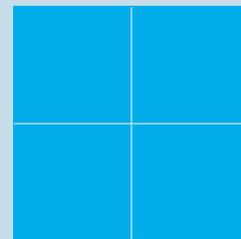
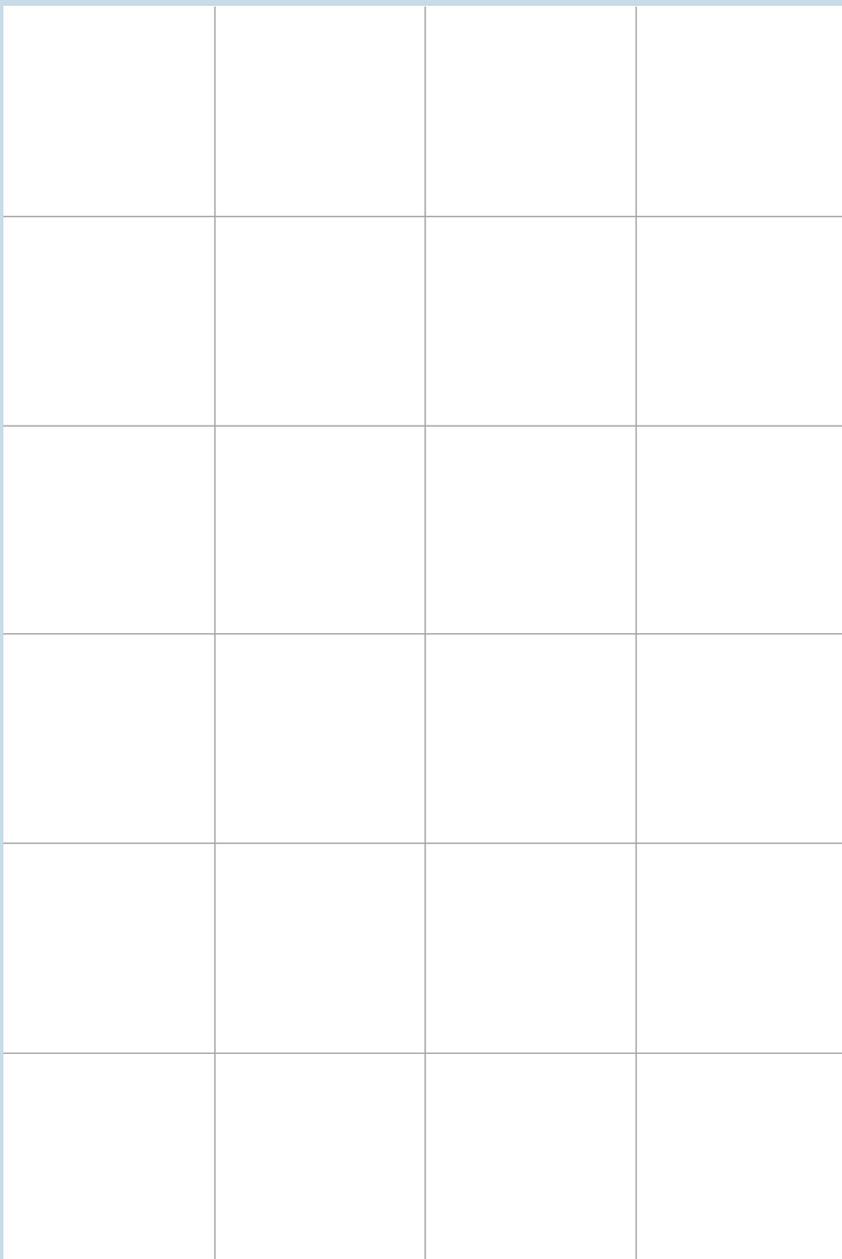
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THINK YOU'VE GOT WHAT IT TAKES TO WORK IN CONSTRUCTION?

TRY OUR BUILDING CHALLENGE AND SHOW US YOUR SKILLS!

Do your best to fill the entire space below only using the blocks we've given you (you can rotate them!). We've found at least five ways to do it! Easy, right...?

Don't forget to take a pic and show us on Twitter: @EssexESB, or e-mail us: essexemployment.skillsboard@essex.gov.uk for your chance to win an Amazon Gift Voucher worth £30*



*Make sure you check our website for all the terms and conditions! essexesb.co.uk



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NOT MY THING!

There are great opportunities in construction, but if you don't think this sector is for you - there are plenty of other options for you in Essex.

From manufacturing to care and logistics to finance, Essex provides a long list of valuable areas for you to work in. You can find out more information on six other sectors by visiting our website: essexesb.co.uk

MANUFACTURING & ENGINEERING

Engineering Geologist £21k - £23k+



Any idea how to build a 25 mile rail tunnel underwater? This was one of the big challenges when creating the Eurostar tunnel between England and France. Engineering Geologists solve engineering problems involving geological hazards and ground conditions, making sure the whole project is perfect.

Optician £25k - 34k+

Opticians make sure your eyesight's perfect, and when it's not - they prescribe glasses or contact lenses to make everything better. Some of the other roles include: vision examinations to check for abnormalities, meeting sales targets, raising awareness about eye care. It's all in a day's work for the optician.



HEALTH

FINANCE & INSURANCE

Insurance Underwriter £20k - £25k+



Working in an insurance company means that the business will pay people when things go a bit wrong. Insurance Underwriters make sure that a claim is genuine, meets the terms of the contract and ensure their company pays when it should.

Web Developer £30k - £45k+

IT, DIGITAL AND CREATIVE

People working in this group use their creativity and technical skills to design, build and maintain websites. Usually designers and developers will come together to share their skills and to make the very best websites.



CHECK OUT ALL OF OUR SECTOR FACT SHEETS ONLINE

The collage features six fact sheets with the following key data points:

- Manufacturing & Engineering:** 1.3K different Care Businesses across Essex; 2m new members needed in Health and Care by 2022; 137K people will need care support in Essex by 2022.
- Care Sector:** 10K job openings were available in 2015 in Essex; £103bn in 2014; 6.2% jobs in the UK.
- Construction:** 2.2m people employed in this sector in the UK; 12% of the total UK total economic output from this sector - nearly £200bn!
- Finance & Insurance:** 25K employed in our in Essex.
- Health:** 213,000 jobs in the Creative economy across the East of England in 2015; 2.2m employed in the Logistics sector in the UK as of 2015; 1st in skills in two years.
- IT, Digital and Creative:** 213,000 jobs in the Creative economy across the East of England in 2015; 2.2m employed in the Logistics sector in the UK as of 2015; 1st in skills in two years.