



**Employment  
and Skills  
Board**

careers and opportunities in  
**CONSTRUCTION**  
**ESSEX 2017-18**

**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 infographic, but first, let's get a bit more of an idea as to how important this sector is!

**12K**  
job postings  
were available  
in 2016  
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 64,000 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.

South Essex College's Basildon campus has opened a new construction centre in January this year (2017). This provides even more places for you to train if you are interested in getting involved in construction.

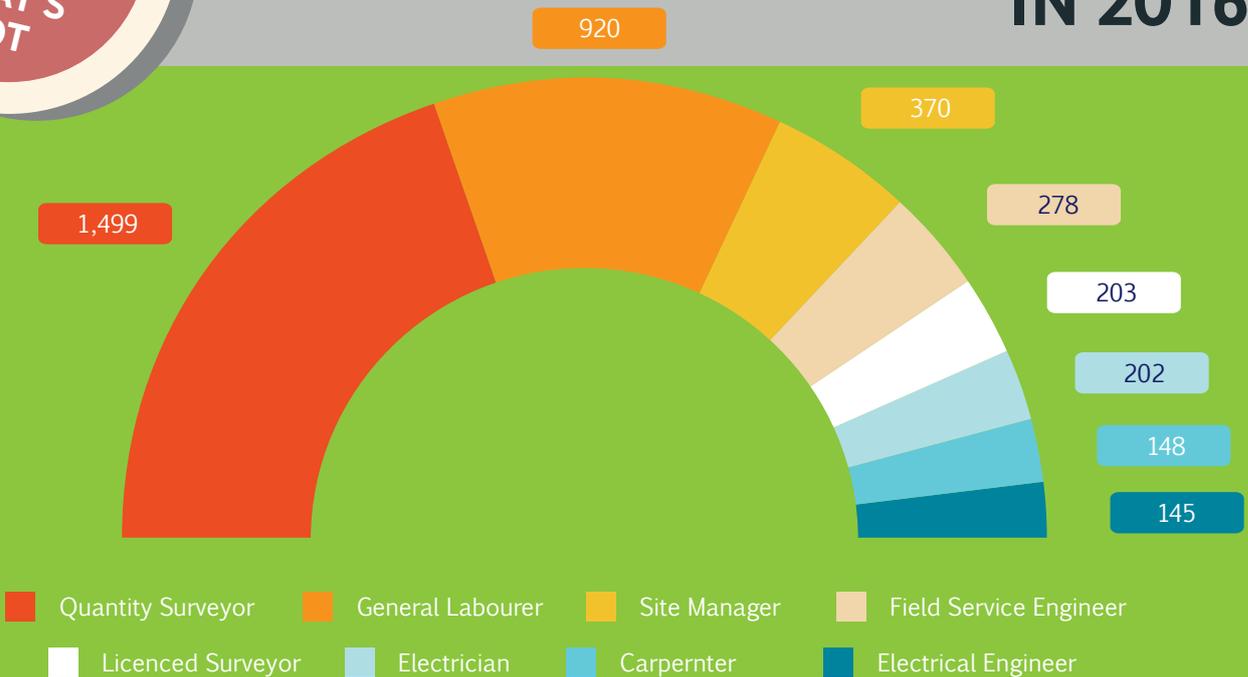
CONSTRUCTION

Construction output in the East of England (that includes Essex!) is set to grow on average by 2.3% every year until 2020! That means more houses and developments every year that need more employees.



WHAT'S HOT & WHAT'S NOT

## 12,000+ ESSEX JOB VACANCIES IN 2016



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 search online for [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!





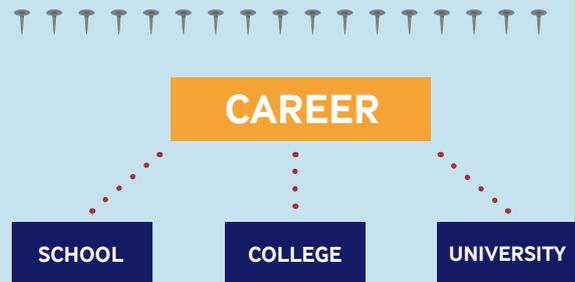
■ Total job postings for construction (12,000)
 ■ Total job postings for all growth sectors (84,500)

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.

CONSTRUCTION

# WHERE IN ESSEX?

See how many vacancies were in your area in 2016, 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

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

# ADVERTISED IN ESSEX

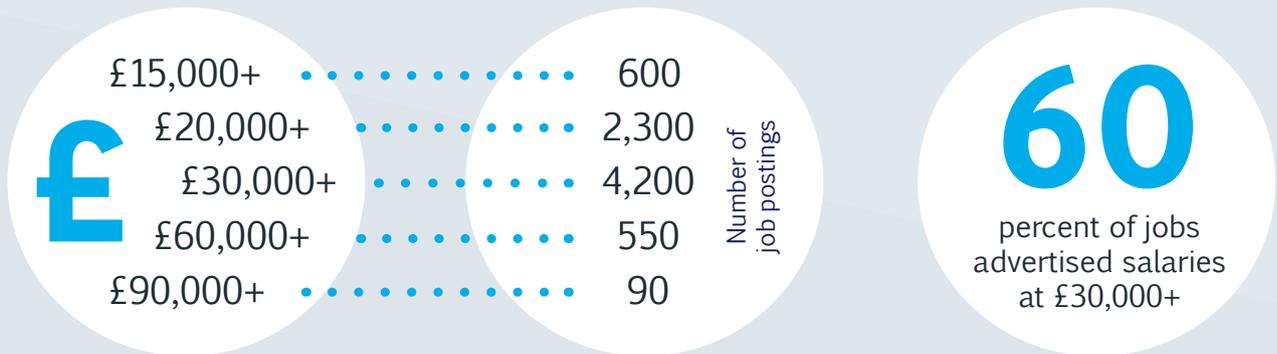
OCCUPATIONS

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](http://citb.co.uk)

Go Construct - [goconstruct.org](http://goconstruct.org)

Institute of Civil Engineers - [ice.org.uk](http://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!



**/ESBEssex**

**#WYT**

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**Employment  
and Skills Board**

# MY SKILLS, MY FUTURE!

We hope you've enjoyed our booklet - you have learnt a lot about some of the key sectors in Essex and what you could do in the future. As you have seen, skills and experience are an important part to beginning your career.

When you're applying to become an apprentice, to start further education or to get your first job, you'll need to talk about your skills and experience. Whatever it is you want to do, you have a lot more valuable skills than you might think. Take a look at our ideas list and see if you are doing any of these things right now. If you're not, consider some of these ideas to boost your CV. Remember, this is just a small guide, there are hundreds of unique things that you are probably doing already that teachers and employers will be interested in hearing!



## MY SKILLS LIST

### HOBBIES

Having a hobby is a good way to show that you're active outside of school and that you have lots of interests:

- Acting & arts
- Doing sports
- Model Making
- Photography
- Programming
- Singing & dancing
- Cooking & baking
- Drawing & designing
- Painting
- Playing an instrument
- Reading
- Travelling



### ACHIEVEMENTS AT SCHOOL

There are many ways for you to be involved in your school and the next person you apply to will want to hear how you spent your time there!

- Gifted & talented student
- High attendance
- Prefect or school council member
- Sports or activities club member
- Good Grades
- Improved student
- Schools volunteer
- Star pupil

### RESPONSIBILITIES

Having responsibilities might not always be fun, but it shows you are mature, trustworthy and capable. For example, you might be:

Caring for siblings or a family member

Babysitting or in charge of household tasks

Part of a team or group project



### WORK EXPERIENCE

From voluntary work to learning from others in a work environment, there are many things you can do to boost your skills and get ahead of the game. Why not try:

Volunteering at a local company or charity

Getting advice from companies you are interested in

Arranging work experience during your holidays

# WHAT'S FOR

## Apprenticeships

Apprenticeships are paid periods of training that allow apprentices to learn a particular skill or set of skills, through a combination of hands-on work and study or training. Apprenticeships can last anywhere between one to five years and are a great way to get practical experience before you begin your career.

The levels range from 2 - 6; higher level apprenticeships (levels five and six) are the equivalent of a University degree. At the end of each level, you'll receive a nationally recognised qualification too.

They aren't just for those interested in construction or engineering; there are apprenticeship opportunities in almost every industry from financial & related services to IT or Care. Apprentices could find themselves working in any sized company so the work will always be unique.

You can find out more information about apprenticeships by visiting: [www.getingofar.gov.uk](http://www.getingofar.gov.uk)

# NEXT ME?



## Full Time Study

You can study full time courses at your school's sixth form (if it has one) or at a local Further Education college. A-levels are popular but there are also many other qualifications you can achieve including BTEC's, NVQ's and Diploma's that often link to professional qualifications.

Studying for your qualifications will be very different to what you are used to at school. Focus is placed on independent study which will give you more responsibility and you will be treated more like an adult. If you are clear on the career path you wish to take, a vocational qualification may be the best route for you. If you are less sure of what you might like to do or are keen to go University then an A-Levels may be more suitable.

When picking your full time course try to think about what will be important to study for your future career. For example; science, technology, engineering and maths (STEM) subjects are really useful for entering the seven sectors in this booklet.



## WHICH ROUTE IS THE BEST?



It's a good question, but the answer is the one that is right for you. There are benefits to both but knowing what you might want to do in the future will help you choose. Taking an apprenticeship or studying full time can be equally impressive to an employer and both can take you down a practical or academic route. These qualifications will provide you with a lot of skills and knowledge for the future. Remember that the choice, even about the subject, has to be right for you and your future.