

# Diploma in Construction and the Built Environment

A 14–19 qualification available in Newham

Ever wondered how a building is constructed? Why it was designed like that? What does it mean to the people living and working in and around it? If so, the CBE Diploma might be for you!

## HELP INFLUENCE, BUILD AND TRANSFORM!



This brand new 14–19 qualification will help you explore how your physical environment is designed, created, valued and used by individuals and communities. It will also enable you to develop skills to help influence, build – and even transform! – the landscape of your future. The Construction industry is the biggest in the UK, with over two million people employed in over 700 types of job. That's a massive range of opportunities, so quite a difficult landscape to navigate! If you choose a Diploma in Construction and the Built Environment, you will become more familiar with some of these job roles, be introduced to the professional bodies and frameworks that monitor the work, and then see how your skills match up to industry requirements.

The construction and built environment industry needs to recruit 90,000 people a year until 2014. It needs:

Engineers

Project Managers

Architects

Bricklayers

Carpenters & Joiners

Surveyors

Electricians

Plant Operatives

Plumbers

Planners

And many more!



There are plenty of employment opportunities in East London because of the Stratford City development, Canning Town regeneration and the 2012 Games.

## ROUTES INTO CONSTRUCTION

SAMPLE JOBS	SKILL LEVEL	QUALIFICATION LEVEL
<p>Labourer Carpenter Joiner Roofer Floor Layer Plant Operative Painter &amp; Decorator</p>	<p>Good team worker Physically strong Eye for detail Willing to get your hands dirty A head for heights Careful &amp; accurate Good with numbers Basic understanding of health &amp; safety</p>	<p><b>LEVEL 1 FOUNDATION</b> (available at schools and colleges in Newham)</p> <p><b>LEVEL 2 HIGHER</b> (available at schools and colleges in Newham)</p>
<p>Civil Engineering Technician Plumber Building Surveyor Electrician</p>	<p>Able to work on your own Strong practical ability Able to read technical drawings Able to follow instructions and be accurate in all work Good at planning and organising things</p>	<p><b>LEVEL 3 ADVANCED</b> (available at colleges and sixth form centres in Newham)</p>
<p>Civil Engineer Building Services Engineer Architect Chartered Surveyor Quantity Surveyor Town Planner Construction Manager</p>	<p>Logical thinker &amp; doer Problem solver Able to negotiate Good at IT Able to lead the planning process Team manager as well as player Calm under pressure Good at maths and physics</p>	<p><b>Level 4 Higher National Diploma (HND)</b> HND Building Studies <i>University of Greenwich</i></p> <p><b>Level 5 Foundation Degree (FD)</b> e.g. FD in Construction Management – <i>UEL</i></p> <p><b>Level 6 Degree</b> e.g. BEng Civil Engineering with Architecture <i>City University</i></p> <p>BA (Hons) Urban &amp; Environmental Planning <i>London South Bank University</i></p>

### WHY CONSTRUCTION? WHY NOW?

By 2014 the industry will need:

- 108,000 managers
- 40,000 in professional occupations
- 40,000 technical workers or associate professionals
- 291,000 in skilled trades
- 52,000 in semi-skilled jobs

And pay is still well above the national average – the average weekly gross is a healthy £410.

For more information on the Construction and the Built Environment Diploma go to:

[www.cbdiploma.co.uk](http://www.cbdiploma.co.uk)

For more links visit:  
[www.newhamsused.co.uk](http://www.newhamsused.co.uk)

## BE FOCUSED, WORK HARD, HAVE A GOAL...

Internationally renowned architect Zaha Hadid was born in Baghdad and gained her Degree in Maths from the American University of Beirut before moving to London to study architecture. Zaha was the first female to be awarded the Pritzker Prize ('The Nobel Prize for architecture!') and has designed the London Aquatic Centre for the 2012 Games. The Aquatic Centre will host the 2012 swimming, diving and water polo events, and will be the first venue visitors see when entering the Olympic Park. Zaha's futuristic design was inspired by water flow. The secret of her success? 'Be very focused, work very hard but ... you really have to have a goal.'



Photo by Steve Double

Zaha Hadid

