

## **Getting Ready to Study Professional & Technical Construction at College (Construction and the Built Environment)**

The 'Getting Ready' list below gives you resources and activities you can use to get ready for when your course starts at Colchester Institute in September. We have picked mostly resources and activities you can access on-line and we have some suggestions too of other resources in the 'Going Further' section.

### **Getting Ready to study Construction and the Built Environment at Colchester Institute**

#### Task 1. Sustainability



In today's world, sustainability is a key requirement for everyone to consider. This is especially true when designing and constructing new buildings.

What is your understanding of what 'sustainability' is in construction?

Do you know any buildings that are sustainable?

Research a building that is thought to be sustainable. Where is it? What do people do in the building? What make it sustainable?

Describe the features that make it sustainable and suggest why they work?

#### Task 2. Professional careers in construction



There are many different professional career options in the construction industry ranging from Architect to Civil Engineer, Surveyor to Project Manager

You may have even thought of one which you may like to do?

Research a particular job role that you are interested in.

Find out the typical qualifications and career progression route:

What do they do?

What are their specific roles and responsibilities?

Who do they interact with?

How much can they earn?

Why would I like to become a.....?

### Going Further to study Construction and the Built Environment at Colchester Institute

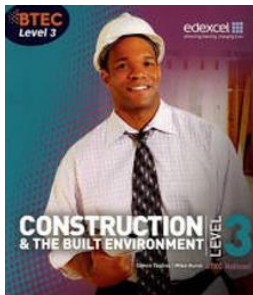
#### 1. CAD (Computer Aided Design)

You will learn how to use CAD on the course (We use AutoCad) but you can have a go at home by loading up 'sketchup'.

It's free to use: <https://www.sketchup.com/> ...have a go?

#### 2. Books and Resources

BTEC Level 3 National Construction and the Built Environment Student Book (Level 3 BTEC National Construction)



You can find information for new students at:

<https://www.colchester.ac.uk/further-education/applying-full-time-courses/>