YEAR 11 TRANSITION RESOURCES

EC Eastleigh College

Subject: Construction and the Built Environment

Level: Level 3

Focus for this fortnight: Continue experimenting with the free online modelling program Sketchup. Conduct online research to examine employment/further education possibilities upon completion of the course. Ensure to do a recap of finding areas of basic shapes.

Please send questions / queries to: pcorrigan@eastleigh.ac.uk

Knowledge

A basic understanding of the use of 3D modelling software. Sketchup is a simple, free online 3D modelling program which can be used on any web browser. Begin to try and create a small house or bungalow using the software.

It is always important for students to have a final goal so researching the career/further education options that will be available upon completion of the course shall aid you on your course.

Having a basic understanding of mathematics. Particularly shapes and areas. Individuals in the construction industry often use area and volume calculations in their work.

Sketchup: https://www.sketchup.com

Sketchup Tutorial: https://www.youtube.com/watch?v=qgt2s9RzvKM

Skills

There are some key skills needed to be successful during this week's activities. These skills should develop in this time to better prepare students for the course.

Creativity is key when using a 3D modelling software. The more creative you are with your building the more unique it will be. This will allow students to create impressive models using a basic software.

Research skills are necessary to achieve on this course. Good research skills shall help students to research the possible careers/further education that will be available upon completion of the course.

Students will benefit from a basic understanding of mathematics while recapping areas of shapes. It is also key to practice using a scientific calculator while doing online practice questions.

Effective Research Help: https://www.library.georgetown.edu/tutorials/research-guidelines/15-steps

Behaviours

Professionalism in the construction industry is of vital importance. Especially during written correspondence with other organisations.

It can really help for learners to have a high level of motivation. Motivation can be boosted by having a final goal in mind. This can include career or further education goals.

How to write a professional email: https://www.indeed.com/career-advice/career-development/how-to-write-a-professional-email

For more information, or to apply for your next course, please visit our website at www.eastleigh.ac.uk. You can also call our friendly team on 023 8091 1000.