



Longley Park

SIXTH FORM ACADEMY

Creating Excellence Together,
through a culture of care

Get Ready For...

Architecture, Interior
and Product Design
3D Design

LONGLEY PARK SIXTH FORM

What will I study?

The course focuses on three main areas of design - Architecture, Interior and Product Design, however there are many other areas that you may wish to explore throughout the course.

This course will help you develop the skills and knowledge as to how to become an Architect, Interior or Product Designer. You'll explore a wide range of design industries with projects that directly link to industry and real-life scenarios. You'll explore your ideas via software programmes such as Sketch-Up and CAD-CAM but also by drawing and creating 3D models which will help you realise your ideas and intentions. By working as a team, you and your fellow students will develop projects which encourage the sharing of ideas to stimulate working in the design industry.

What can I do next?

Many Longley Park 3D Design students go onto university to study Architecture, Interior or Product Design. The skills you develop are transferable into other aspects of the creative industries such as Graphics, Advertising, Engineering and Industrial Design.

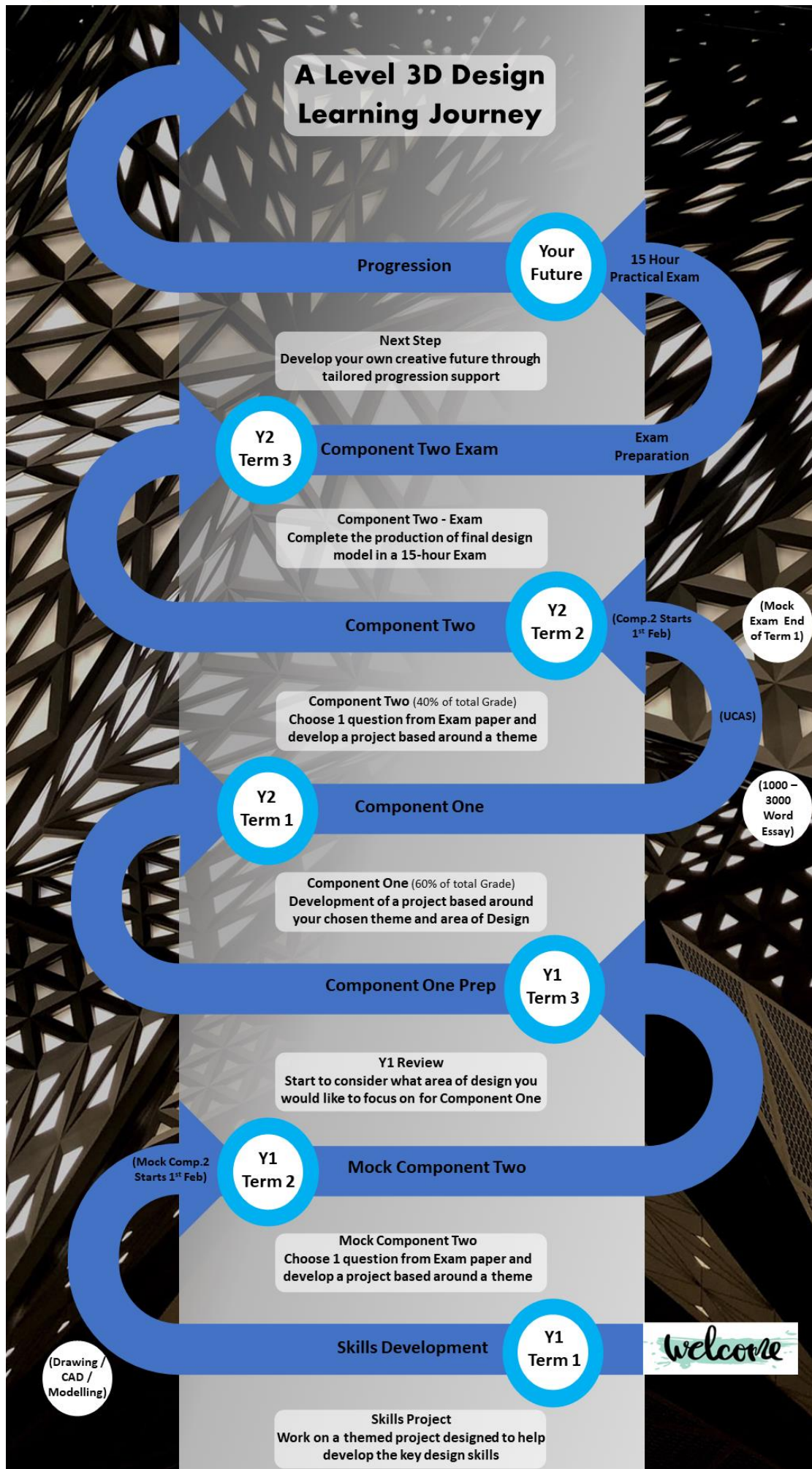
As part of the course, we provide support and guidance to help you create professional portfolios as well as interview practice to help you present yourself and your work in a professional manner.

Every year we have several students progressing from this course on to universities across the country to study within the creative industries as well as students who have completed their degrees who are now working in their respective fields from Graphic design to Architecture.

What additional opportunities will I have on my course?

During the course you will have the opportunity to take part in trips to galleries and visit locations to develop your designs through photoshoots and observational drawings to help you visualise your ideas. We also have links with HLM Architects based in Sheffield who have worked with our students on live project, and this is a partnership that we hope to build on, allowing students to experience first hand professional working environments. Students on the course have also taken part in competitions including CIOB South Yorkshire Student Challenge in association with Sheffield Hallam University which our students won.

We are also continuing to build strong partnerships with both Sheffield and Sheffield Hallam university with opportunities such as tasker sessions visits and live project all designed to give you the best experience possible.



Before you start

In preparation for the start of the course we have developed a simple introductory project designed to get you thinking like a designer. The intention is to encourage you to explore different design ideas and develop creative solutions to design problems.

Intro Project

You are a small independent Architect firm that has been contracted to develop plans for the development and extension of a home. The home in question is yours! However, you are not the client, it is the other people you live with who you will have to impress.

What does the client want?

(a simple single-story extension / an elaborate overhanging balcony / or even a 3-story roof extension with roof garden and infinity pool)

Obviously you would normally have lots of planning restrictions in place but for now we want you to explore the exciting possibilities that not having these restrictions gives. One thing that you do need to consider however, is the space available within the property boundaries, so you will have to be creative with how you extend the property as space is not always available.

In order to develop these new plans, there are a few things that you need to do:

Existing floor plan of the house

(if you want to get an idea what these are, take a look on sites such as [Rightmove.com](https://www.rightmove.com). Who knows, your house might be on there with a floor plan already laid out. Even if this is the case however, you still need to draw one out yourself. Don't worry about being 100% accurate, but try and get basic measurements on the plan as this will help you understand sizing which is important when we start looking at scale.)



Client list of key features (this will require you to talk to your household and get a list of things that they would like if they could extend their house with no restrictions other than the land that the house is on.)

Contextual Research (based on what your client wants, do some research on the types of designs that you and your client like)

Design Drawing (Before and After)

Draw the front and back elevation of the house as it is now to gain an understanding of what you're starting with.



Final Design Drawing

Every client will want to see what you're planning to design before they let you loose with all their money so the production of a refined design drawing showing off your ideas is an essential part of all design disciplines.

Develop a number of design sketches exploring possible ways to include as many of the key features your client wants into your new design.



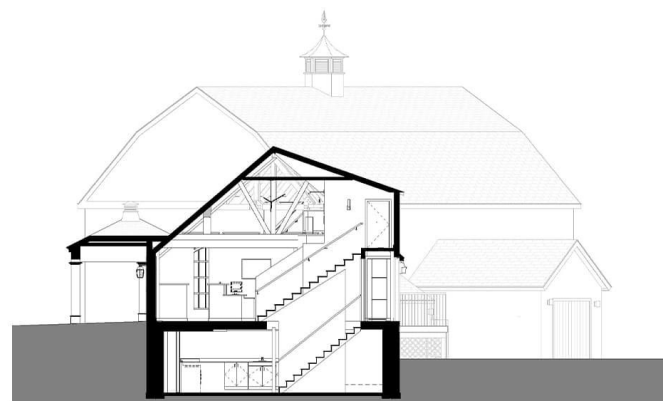
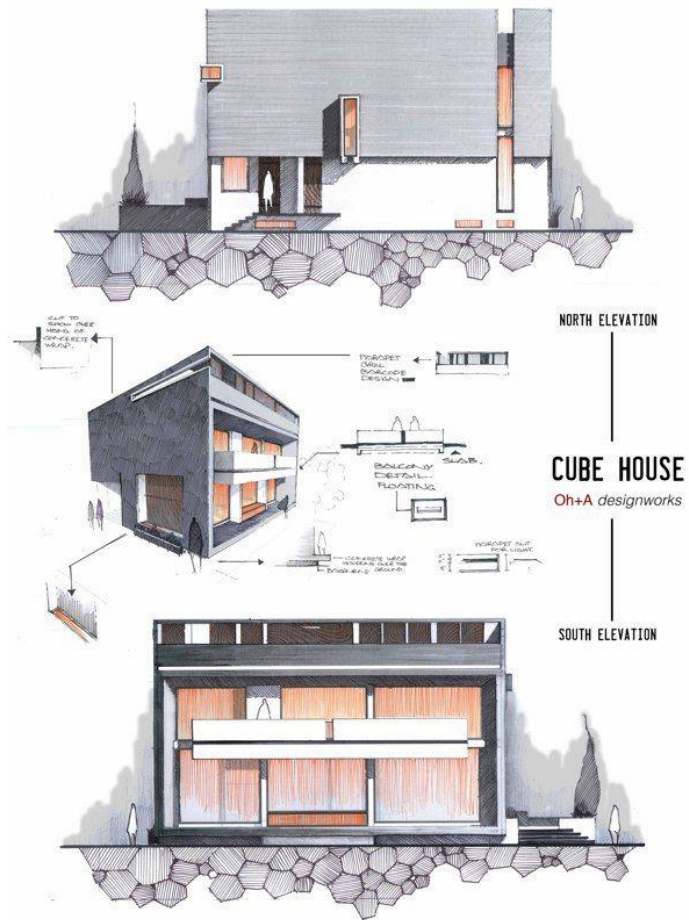


Outcomes:

- Floor plan (with basic measurements - to help you out just remember that a standard door is 2m tall)
- Client list of requirements
- Research existing designs (if possible get images)
- Front and back elevation drawing of existing building (this is just a flat 2d image)
- Photo of building - if possible (this can be on your phone etc.)
- Design sketches (any size and paper type)
- Final design drawing (as big as you can get it within reason)

This is a long list of work and we don't want you to worry about spending ages on every outcome as it is more important at this stage to consider the ideas. You are not going to be judged on the work you produce. This is more about starting to think creatively and during the course you will be taught how to develop more considered outcomes, so even if you are not confident at drawing don't worry. This is only the start of your creative future.

You should bring this work with you at the start of the year as we will be discussing the designs as part of the course introduction.



How can I go the extra mile to prepare for my course?

Additional Reading/ Useful Websites:

- www.designboom.com
- www.dezeen.com
- www.architecture.com
- www.wallpaper.com
- www.ted.com

What else can I do to prepare for starting Sixth Form?

What our students say

"Get drawing, this is a fundamental skill that will help throughout any creative course"

"Get ready emotionally, it is different from school!"

"Be confident. Put yourself out of your comfort zone and meet new people; you will meet lots of new people when you get here"

"Start looking at Universities/ Careers now! It will give you a focus when you start at Sixth Form"

"You will need to be more independent and be able to manage your time differently to school. Start building those skills now!"



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Additional Opportunities

We offer a variety of different opportunities to enrich your time with us and support your next steps:

- ~A variety of Clubs and Societies through Project You
- ~Employer immersion visits & Trips to employers
- ~Work Experience & Placement
- ~Trips to Universities
- ~Guest Speakers
- ~Leadership through the Student Ambassador Programme
- ~ Independent Learning Centre with IT, books and journals, quiet and group study + Seminar Rooms
- ~Health and Fitness Activities in our onsite gym
- ~Duke of Edinburgh
- ~Career Ready internship Programme
- ~ Access to wellbeing, academic tutorial, and careers support