



# 3D DESIGN

THIS NEW ONE-WEEK 3D DESIGN COURSE WILL GIVE YOU THE OPPORTUNITY TO EXPLORE DIFFERENT ICONIC MATERIALS USED IN PRODUCT DESIGN, RESEARCHING THEIR PROPERTIES AND USES THROUGHOUT HISTORY. YOU WILL BE INTRODUCED TO DRAWING TECHNIQUES, 3D MAKING SKILLS AS WELL AS PRODUCT PHOTOGRAPHY ALLOWING YOU TO EXPLORE THE PRODUCT DESIGN PROCESS FROM CONCEPT DEVELOPMENT THROUGH TO DESIGN. ACCESS WILL BE GIVEN TO THE COLLEGE'S WORKSHOPS GIVING YOU THE OPPORTUNITY TO EXPERIMENT AND INVESTIGATE MATERIALS BEFORE CREATING YOUR 3D PRODUCT.

#### LEARN FROM PROFESSIONALS

This programme will give you the chance to study in central Cambridge in a fun and creative environment led by experienced tutors at CSVPA.

#### BROADEN YOUR SKILLS IN THE INDUSTRY

Exploring idea generation through material investigation and fabricating processes, you will gain an understanding of the basic skills required for a wide range of 3D design disciplines. Through experimentation and quick fire responses to the brief, you will start to understand the idea behind key 3D Design principles, including scale, abstraction, material, structure, form movement and colour and their place within wider design pathways.

#### DEVELOP YOUR SKILLS IN:

Material understanding | Model fabrication |  
Basic digital skills including use of laser cutter | Presentation |  
Idea generation and development | Conceptual thinking

#### DATES AVAILABLE:

•Sunday 4th August 2019 to 11th August 2019

# PROGRAMME OUTCOMES

1. You will, through problem solving, create 10 outcomes answering the brief based around redesigning a single object.
2. You will utilise state of the art laser cutting technology to prototype conceptual ideas.
3. Project will culminate in a group presentation of outcomes that peers will be able to discuss new ideas and skills developed over the week's activities.

## SAMPLE TIMETABLE

Day	7:15-8:40	9:00-12:00	12:00-13:00	13:00-16:30	16:45-19:00	Social Activities
Sunday	BREAKFAST		LUNCH		DINNER	Welcome Meal
Monday		Working to answer a brief, student will visually generate ideas on paper to solve 3D based problems		Using ideas generated in the morning, students will develop 3D fabrication skills to create outcomes that answer the brief		Evening Activities
Tuesday		A Visit to Kettles Yard to gather primary research on 3D sculptures and visual language		Utilising research to create responses through rapid experimentation		Evening Activities
Wednesday		Students to create multiple designs ready for fabrication through use of the laser cutter		Students to fabricate outcomes using state of the art laser cutting machine		Evening Activities
Thursday		Idea generation based around 3D explorations of a single object type. Create 10 different responses		Curation of a group exhibition of their 10 responses and present their ideas		Evening Activities
Friday		Creation of responses reimagining previous outcomes, translating words to images and images to models, replicating transferrable skills for use in the industry		Group discussion and presentation of projects. Students encouraged to support their work with drawings, notes and photos		Evening Activities

This sample timetable is illustrative and is subject to change. We reserve the right to amend this schedule without prior notice.