

NEGOTIATED LEARNING TASK 1 (NLT 1)

BSc CAD DMD Level Six

Negotiated Placement Task 1

Proposal Form

Name: - Lucy Hopkins

Overview of the project

Briefly describe the task, the relevance of your industrial partner, the role that you will be able to fulfil and the way that this will enhance your learning.

The projects as part of NLT1 will be carried out over the summer holidays prior to starting in September (year 3 semester one).

Project 1 – Internship & Work Placement at KCC Packaging. The first project consists of an internship with KCC Limited, a food tray packaging supply company in Eastleigh. My main task will be using CAD software to design 2D structural packaging nets and learning about how CAM (3D printer) can be used to produce PLA tray prototypes to showcase to potential clients. This learning, along with other design and marketing tasks will offer critical insights into how a packaging business functions. It is very relevant to my degree as it will offer me experience within the industry I want to pursue as a career.

Project 2 – Client Project with Rarebreed Packaging. This project will see me following a past design brief from a bespoke packaging company in Reading (Rarebreed Limited). My main task will be following the four phases of the brief to design three concept packaging nets. These must house cosmetic products using sustainable materials and stand out to consumers. This process is relevant to my degree as it will give me the chance to follow a real professional packaging design brief and have regular video calls with the companies packaging experts.

What key opportunities will these tasks offer you in the following areas:

1. Design Practice

- Develop my 2D CAD skills through informative research prior to and during each project.
- Explore how CAD exists in the packaging industry and what roles this offers in a design process.

2. Technology (inc. software skills)

- Improve on my current knowledge and techniques using Autodesk AutoCAD software.
- Learn about 3D printers (CAM) and understand how rapid prototypes can be manufactured.

3. Processes (Development Processes, Project Management / Time Management etc.)

- To understand how a business works within the sphere of packaging manufacturing.
- Experience important meetings and how they are scheduled into a busy day.

4. Critical Analysis (Reflective Processes / research skills)

- Understanding that research prior, during and after a project will always be vital in academic growth.
- Keeping a daily blog to track how I progress through each project. This will be valuable for future reflection.

Learning Outcomes

Please indicate how each outcome will be met in relation to the key opportunities that you have described above (Drag the ticks to the appropriate boxes add more if needed)

	1	2	3	4
Design creative products and/or environments that are attractive, easy to use and fit for purpose			✓	
Demonstrate a critical understanding of the principles of user centred/ experience design, with the sensibility and ability to select and assess appropriate materials for their designs				✓
Develop detailed concepts, narratives, and engaging content for a variety of platforms highlighting areas of specialism and interest as a method for self-promotion			✓	
Effectively assess and document the process of a project from outline business proposals through specifications, client changes and reviews				✓
Critically assess and use a range of methods to test the integrity and feasibility of their design, effectively and thoroughly prior to production				✓

Agreed Assessment Submission

Project Outcomes (This will include):

- Valuable business contacts that could offer future work/employment after university.
- A series of packaging net designs for cosmetic products.
- The process or outcome of a project could inspire the topic of my dissertation paper.

Project Portfolio (This will include):

- A full visual and verbal timeline of each project design process on my website, from initial ideas to product outcomes. Some details may be removed due to client confidentiality.

Reflective Writing (This will include):

- A written reflection of each project, detailing any milestones and challenges (using weekly blog as reference) will be presented alongside the visual work for the project on my website portfolio.
- A visual representation for a project via a Gantt Chart, highlighting points of key insight and personal growth, will also be presented within the relevant project page on my website.

Signed & Agreed by: -

Placement Representative _____

Supervising Tutor _____

Student _____