

DT 169 TIMBER PRODUCT TECHNOLOGY**Semester 1 2015 / 2016**

The assignment is to be delivered to the submission box on or before Friday 6th November (week 8). Projects handed in after 15th November will **NOT** be corrected.

Assignment worth total of 20% of overall module assessment.

Coursework 2: Design, manufacture and paint Pallet Furniture to suit Common /Studio Room for DT169 Students in Linenhall Building.

Client: Orna Hanly, Head of School, Linenhall, Bolton St. DIT.

Project: Aim is to repurpose & recycle discarded pallets rescued from the skip and design and manufacture a number of items of furniture suitable for a student's common /studio room. Items such as

- 1 Occasional Table
- 2 Desk
- 3 Bookshelf
- 4 Seating
- 5 Storage

Group work: Design Phase 10%

You are required to design, manufacture and paint one large or two small items from the above list or similar. The finished design will be product of your group's creativity and imagination.

Some of the written work will be from the groups point of view other parts will be individual.

Presentation: Report must be typed and bound including standard cover sheet and title page to include word count. All images **must be** labelled and referenced. Report should include a contents page and reference page and appendix.
10 Marks

Introduction : Discuss the concept of your groups design, your initial thought process and your input on the final design. Factors that you considered such as complexity of design, manufacturing process, ergonomics and costs. (200 words)
15 Marks

Design objectives : Answer the questions below regarding your groups final design. Where there any issues or problems encountered during manufacturing that you didn't foresee in the design phase. Proportion: Show how you determined sizes, ergonomics, golden ratio How important was Style and Visual impact with this type of furniture? (200 words)
15 Marks

Sketches: Provide sketches on what your group's furniture will look like.
20 Marks (this can be collaborative work original sketches can be submitted as groupwork and each individual will receive same mark)

Groupwork: Illustrate how the dynamics of your group worked. Was there a leader or other roles. How were these roles and tasks divided amongst the group. What part did you play?
20 Marks (200 words)

Reflections: What did you think of working in a group? What are your views on re-using pallets and recycling timber. Would this assignment encourage you to take on something similar in the future? Why / why not?
20 Marks (200 words)

Details for report style are set out below:

- | | | | |
|----|---|----------------------------------|---|
| 1. | Title page | Student Name | 14 Bold (Centred) |
| | | Title of Coursework | 14 Bold (Centred) |
| | | Word Count | 12 Plain (Right aligned bottom of page) |
| 2. | Font style | Calibri | |
| 3. | Font size | Headings | 12 Bold (left aligned) |
| | | Text | 12 Plain |
| 4. | Text should be justified | | |
| 5. | Line spacing | 1.5 | |
| 6. | Page numbering | Right aligned at bottom of page. | |
| 7. | Images, graphs & charts should be labelled. | | |

- ⊙ Produce drawings and or sketches as required to be included within the report or attached in the appendix.
- ⊙ Appropriate diagrams and photographs may be included. All material used, which is not the work of the learner, must be correctly referenced and permission obtained from the copyright holder.

Group Work: Manufacture Phase 10%

The manufacture of the Pallet Furniture will be assessed on a Pass/Fail marking scheme with successful students receiving a total of 10% of module marks.

The criteria for these items of furniture is that they must conform to standard specifications and be of a good quality fit for selling.

Client must be satisfied with end product.

DT 169 TIMBER PRODUCT TECHNOLOGY

2015 / 2016

Student Name/No _____

Coursework 1: Design, manufacture and paint Pallet Furniture to suit Common /Studio Room

Marking scheme	%	%	Marks awarded
Presentation: formatted as per brief with title page word count (800) & contents page.	10		
Introduction: clear and relevant information. Design concept & influences were discussed. Factors considered such as complexity of design, manufacturing process ergonomics and costs 200words	15		
Design objectives: Design V manufacture issues. Proportion, style and visual impact. 200 words	15		
Sketches: Progression through design and/ or component parts GW	20		
Groupwork: structure and role played by individual	20		
Reflections of working in a group, recycling timber and assignment.	20		
Total	100		

Marks available 10% _____ x 0.10 = _____%

Manufacture of Pallet Furniture: **10** _____%

Total _____%