



ME2106 Year 2 – Semester 1: Assignment 4

- Create an assembly drawing of the trolley you created in Tutorial 10.
 - Use your template created in Assignment 2.
 - Layout and label the drawing as shown on the example below.
 - Use your own details for the Title block.
 - Edit the parts list to match that shown below.
- Include and edit Balloons on the drawing to match that shown below.
 - Save the drawing as Assignment 4.idw
 - Save a copy as Assignment 4.dwfx for handing in.

PARTS LIST			
ITEM	QTY	TITLE	DRAWING No:
1	1	Nuig Trolley Toe Plate - 1	ME-2023-001-PT
2	1	Nuig Trolley Continuous Frame - 2	ME-2023-002-PT
3	2	Nuig Trolley Toe Plate Support - 3	ME-2023-003-PT
4	2	Nuig Trolley Wheel Support - 4	ME-2023-004-PT
5	1	Nuig Trolley Axle Support - 5	ME-2023-005-PT
6	1	Nuig Trolley Axle - 6	ME-2023-006-PT
7	4	Nuig Trolley Spacer Washer - 7	ME-2023-007-PT
8	2	Nuig Trolley Hand Truck Wheel - 8	ME-2023-008-PT
9	2	Nuig Trolley Triangle Support - 9	ME-2023-009-PT
10	1	Nuig Trolley Handle Support - 10	ME-2023-010-PT
11	1	Nuig Trolley Hand Truck Handle - 11	ME-2023-011-PT
12	2	Nuig Trolley-Spool Bracket - 12	ME-2023-012-PT
13	7	Nuig Trolley- Spool Axle - 13	ME-2023-013-PT

DETAIL A (1 : 2)

General Notes -
Fillet weld all brackets to the frame.
All Tolerances $\pm 1\text{mm}$ unless stated.
Position items 3,4,9,12
Centrally on the tubular sections

UNIVERSITY OF GALWAY ASSIGNMENT		Title: ME2106 - SEMESTER 1 ASSIGNMENT 4	
Scale: 1:10	Drawn by: WR	Sheet No: A3	Sheet Size: 1/1
Date: 20/07/23	Time: 01:00	Drawn by: WR	Sheet No: 1/1

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Position items 3,4,9,12
Centrally on the tubular sections