



# Technical Award in Engineering

Level 2 Vcert



**Irlam and Cadishead Academy**  
The best in everyone™  
Part of United Learning

# Engineering



## Overview

**NCFE Level 2 Technical Award In Engineering**

**Unit 1 (written paper) 40%**

**Unit 2 (coursework) 60%**



## Requirements

Good designing and making skills

Hardworking and resilient



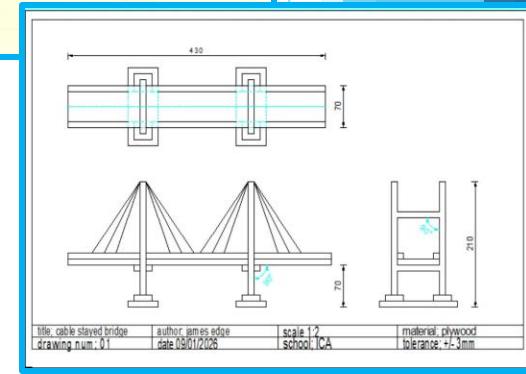
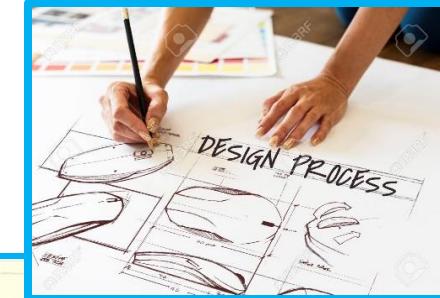
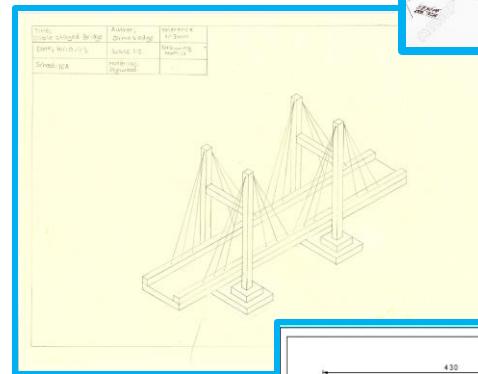
## Why?

- GCSE Equivalent
- Engineering is one of the most 'In Demand' employment sectors in the UK.
- Engineering students are very successful at ICA, consistently outperforming their target grades.
- It's fun! You will learn through a range of practical project-based tasks.
- You will learn how to use a variety of engineering tools and equipment.
- The course offers a foundation to go into a variety of Engineering related fields such as; Civil, Mechanical, Automotive, Nuclear, Drafting and Design or Joinery / Carpentry

# Why choose Engineering?

You will develop skills in the following areas:

- ▶ Practical Problem Solving
- ▶ Designing (including CAD)
- ▶ Tools, Equipment and Processes
- ▶ Engineering Materials
- ▶ Health & Safety
- ▶ Manufacturing Products



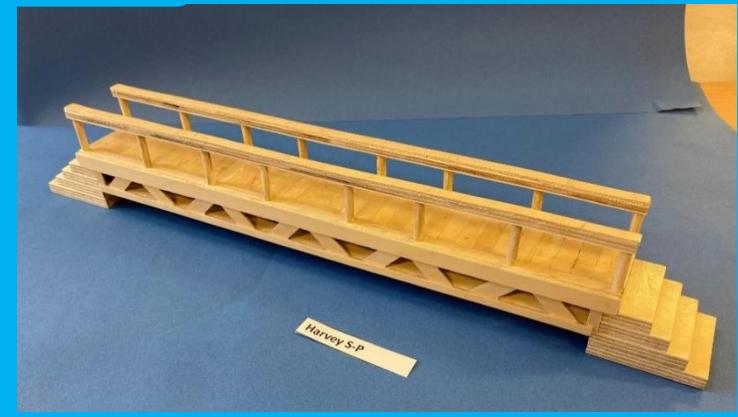
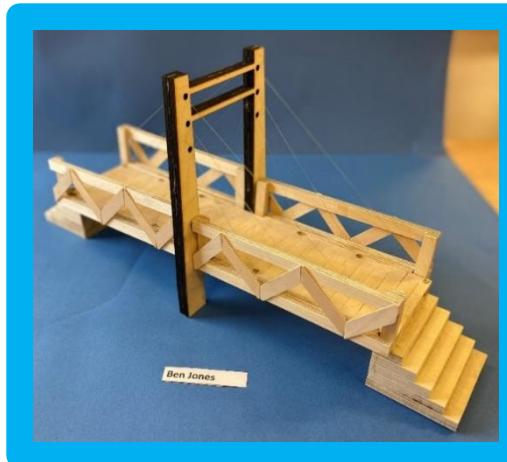
# Tools & Equipment



You will learn how to use a variety of engineering tools and equipment

# Engineering Projects

You will manufacture projects which incorporate a variety of Engineering disciplines such as Mechanical Engineering, Civil Engineering and Product Engineering



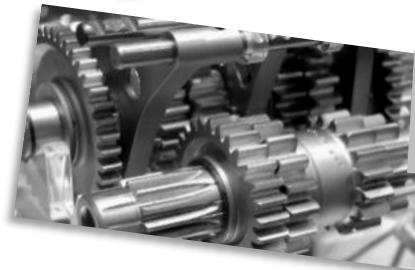
# Technical Award in Engineering

- ▶ Engineering is one of the most ‘In Demand’ employment sectors in the UK.
- ▶ The course offers a foundation to go into a variety of Engineering related fields such as;

- ▶ Civil - (the built environment)
- ▶ Mechanical
- ▶ Automotive
- ▶ Nuclear
- ▶ Drafting and Design
- ▶ Aerospace
- ▶ Joinery / Carpentry



Civil  
Engineering



Mechanical  
Engineering



Joinery /  
Carpentry