



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%

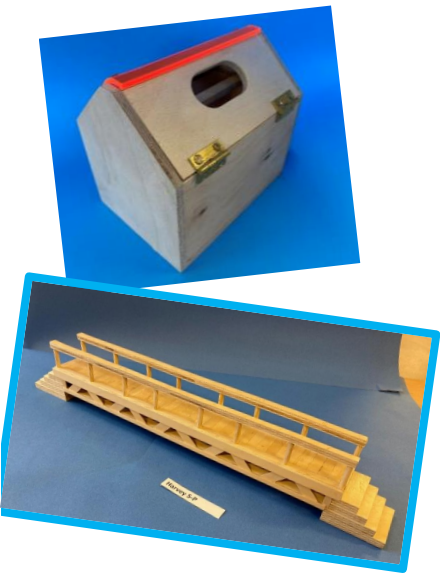
Requirements

Good designing and making skills

Hardworking and resilient

Why?

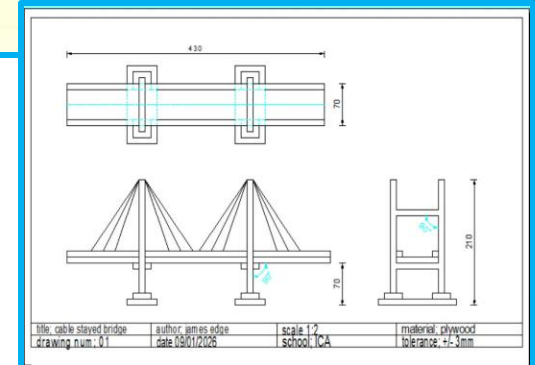
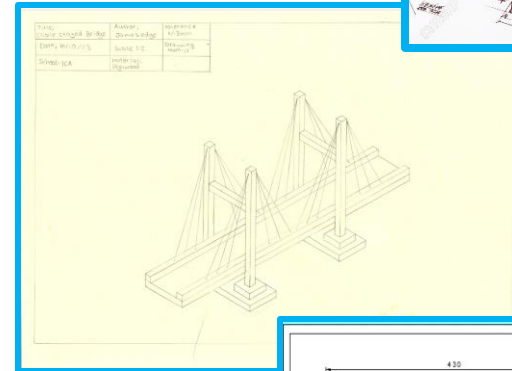
- GCSE Equivalent
- Engineering is one of the most 'In Demand' employment sectors in the UK.
- Engineering students are very successfully at ICA, consistently outperforming their target grades.
- It's fun! You will learn through a range of practical project-based tasks.
- You will learn how to use a 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



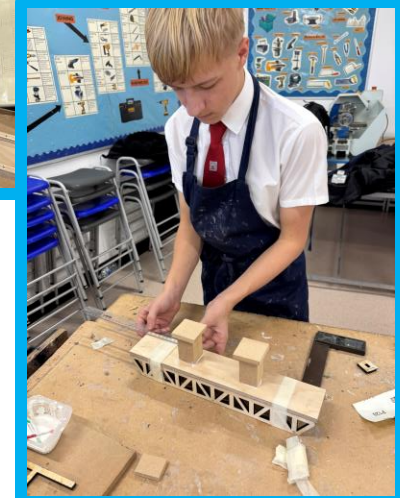
Why choose Engineering?

You will develop skills in the following areas:

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



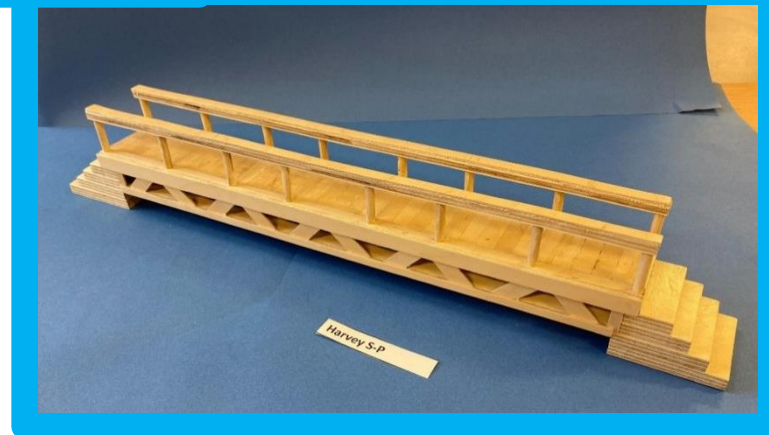
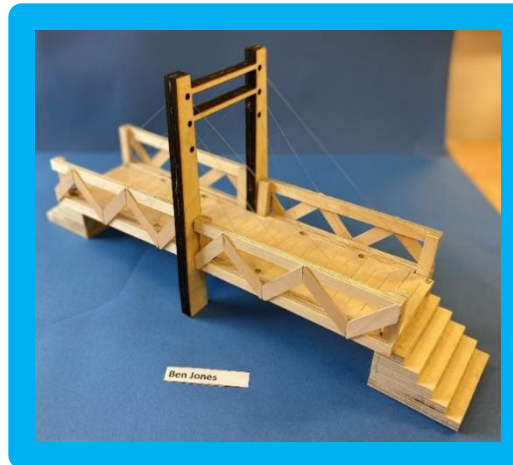
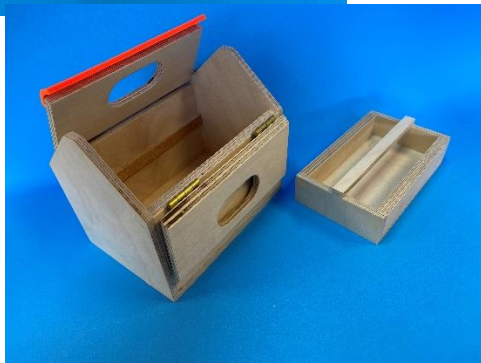
Tools & Equipment



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



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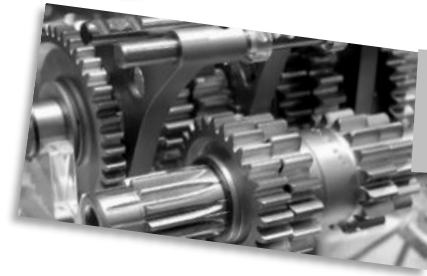
- ▶ Engineering is one of the most 'In Demand' employment sectors in the UK.
- ▶ The course offers a foundation to go into a variety of Engineering related fields such as;

- ▶ Civil - (the built environment)



**Civil
Engineering**

- ▶ Mechanical



**Mechanical
Engineering**

- ▶ Automotive

- ▶ Nuclear

- ▶ Drafting and Design

- ▶ Aerospace

- ▶ Joinery / Carpentry



**Joinery /
Carpentry**