

## WJEC Level 1 / 2 Vocational Award in Engineering

### Arrangements for centre devised assignment briefs

The document provides guidance to teachers on the arrangements for gaining approval for centre devised assignment briefs for Units 1 and 2 of the Level 1/2 Award in Engineering.

Centres wishing to devise their own Assignment / Learner Briefs for the following units will need to complete the relevant Assignment Brief Approval Form shown overleaf. Editable versions of the forms can be downloaded from the Engineering subject page on the WJEC website at <http://www.wjec.co.uk/qualifications/engineering/>.

#### **Submitting centre devised briefs for approval**

Completed forms should be sent to the WJEC Subject Officer to arrive no later than 1<sup>st</sup> October each academic year. A panel will then review, approve and/or make recommendations by 1<sup>st</sup> November of the same academic year.

As a starting point for composition, it is advisable that centres adapt the existing model assignment. All devised assignment briefs **must** address all the assessment criteria and all the performance criteria.

It is important that the assignment briefs indicate the acceptable forms of evidence.

**N.B. The tasks set by WJEC can not be amended.**

## Learner Assignment Brief: Level 1/2 Award in Engineering UNIT 1 ENGINEERING DESIGN

Centre Name:

Centre Number:

Teacher Name:

Email:

### ASSIGNMENT BRIEF

Insert an image related to the product to be designed or manufactured

Insert a written scenario to a real company. Set the scene / situation problem/aims. You could include:

- What does the company presently manufacture?
- What makes the business successful?
- Insight into the company's direction
- How does the company compare to its competitors?

Note: The more real this is the better the response of the candidate.

Outline the brief to the candidate e.g.

**You are required to design .....**

### TASKS (These must not be changed)

1. Identify the key features and functions required from the information provided. Use this information to develop a design specification
2. Suggest three options to meet the design specification which are based on successful engineered products. Review the suitability of each and recommend the best option.
3. Using accepted standards and conventions draw your preferred solution.

Teacher signature

This form should be completed and submitted to Steve Howells ([steve.howells@wjec.co.uk](mailto:steve.howells@wjec.co.uk)) by 1 October.

<b>WJEC Use Only</b>	Ref:	
Approved	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Comments / Recommendations		

## Learner Assignment Brief: Level 1/2 Award in Engineering UNIT 2 PRODUCING ENGINEERED PRODUCTS

Centre Name:

Centre Number:

Teacher Name:

Email:

### ASSIGNMENT BRIEF

Insert an image related to the product to be designed or manufactured

Insert a written scenario to a real company. Set the scene / situation problem/aims. You could include:

- What does the company presently manufacture?
- What makes the business successful?
- Insight into the company's direction
- How does the company compare to its competitors?

Note: The more real this is the better the response of the candidate.

Outline the brief to the candidate e.g.

**You are required to make a prototype of the .....**

### TASKS (These must not be changed)

1. Plan how you will make the prototype.
2. make the prototype to the requirements of the engineering drawing.
3. Evaluate the prototype you produced.

Teacher signature

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<b>WJEC Use Only</b>	Ref:	
Approved	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Comments / Recommendations		