**Initial Assessment Assignment for students progressing to the Level 2 Full Time Engineering course.**

# **STUDENT NAME** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

## **All tasks must be attempted by the student. The student MUST write the task number and**

## **print their name on any additional pieces of paper used.**

## **Please record the time taken to complete these three tasks ( \_\_\_\_\_\_\_\_\_\_\_\_ minutes).**

**Equipment needed - Pencil, rule, compass, calculator (optional), A4 Card**

**Candidate signature Date**



**Tutor/assessor signature Date**



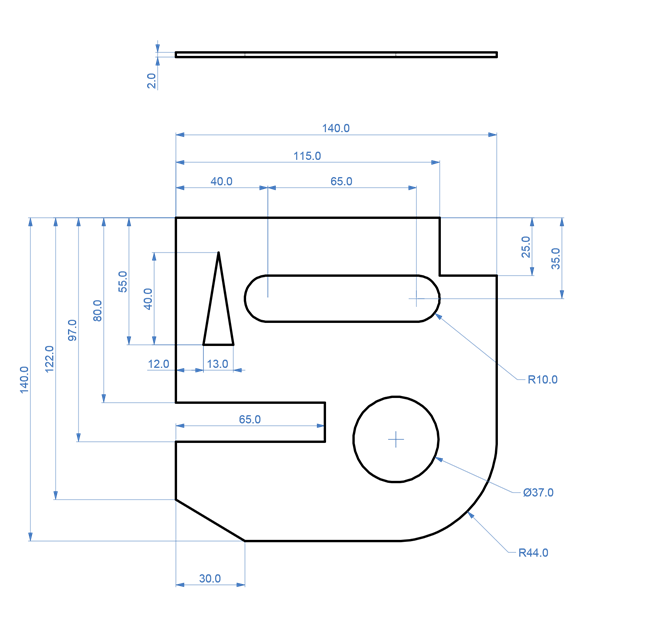
**Initial Assessment Assignment - L2 Engineering**

# **TASKS**

**Task 1**

To work safely in Engineering, we must be able to identify the different types of safety signs and their meanings. Using the internet, library or text books complete the following table:-

|  |  |  |
| --- | --- | --- |
| **SIGN** | **TYPE** | **MEANING** |
|  |  | **Safety Gloves must be worn** |
|  | **Prohibition** |  |
|  |  | **Warning** |
|  |  | **Fire assembly point** |

**Task 2**

Using the dimensions on this drawing, draw out this shape on a piece of card to scale (the same dimensions). Position the drawing in the centre of the piece of A4 card.

**Task 3**

You have been asked by the welding shop manager to paint one workshop wall with three coats of black ‘ anti glare’ paint. The wall measures 10.5M long and is 3.5M high. On the first tin you read a statement that says “This tin will cover approximately 20M²”.

How many tins of paint will you need to complete this job?

If each tin costs £35.50 and the supplier is offering a 5% discount for students, how much will you spend?