

Fine Jewellery Making (Advanced)

Competition brief

Skill description

A fine Jeweller would normally work within a small specialist workshop creating high quality pieces of jewellery from a working drawing or to a customer's specification. This requires using a range of hand tools, and traditional techniques, often referred to as diamond mounting. He/she will have the skills to work accurately to given dimensions and have comprehensive knowledge of precious metals and processes. The economic use of high value materials and the ability to recycle precious metal is fundamental to the work of a fine jeweller.

Entry requirements

This competition is at advanced level. Competitors must be over 16 years of age and studying towards a nationally recognised level 3 qualification (BTEC ND, HND jewellery and silversmithing and/or related jewellery programme) **or** have the equivalent of 4 -7 years experience and/or training.

WorldSkills London 2011 eligibility criteria

The rule for the WorldSkills Competitions states that competitors are required to be under the age of 23 in the year of the competition; This means that for the WorldSkills London 2011, competitors must be born on or after 1 January 1989.

Competition structure

Stage one: enter online by 19 March 2010

Stage two: post your completed screening test with an example of work from your portfolio in the form of digital images of the front, back and details by 30th April 2010.

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WorldSkills UK fine jewellery making competition
School of Jewellery
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Stage three: Successful competitors will be invited to a two day UK Final at the School of Jewellery in Birmingham in 29 & 30 June 2010

Accommodation and travel expenses will be paid for the finalists selected to compete at the

2 day UK final.

If competitors would like to cancel their entry to the competition they must cancel online by 19 March 2010 to prevent cancellation charges (see competition rules on the website for further details).

About the competition

Up to two competitors may be entered per organisation.

The competition is designed to test the practical competence of jewellery makers. Entrants will be asked to complete a task which will involve making a piece of jewellery to given dimensions within 14 hours over two consecutive days.

Competition description

The competitors will be judged against the broad assessment criteria and their ability and skills to construct a piece of jewellery accurately to a drawing through traditional diamond mounting techniques and economic use of material.

The practical brief will be issued to entrants at the beginning of the competition and time will be allowed for candidates to familiarise themselves with the task presented. The competition is set to WorldSkills standards and will give competitors the opportunity to test their skills against other jewellery makers in the UK. National winners could have the opportunity to enter the WorldSkills competition in London 2011.

Candidates should be aware of the following:

- Standard silver sheet and wire appropriate to the requirements of the test will be provided, the weight of which will be recorded against each competitor's name at the beginning of the test.
- Candidates should bring their own hand tools; solders and fluxes; preferred solder supports; abrasive papers; mops and burrs; hand held propane torches if required.
- The workshop will be equipped with gas/air torches at the bench plus larger torches at the hearths with bricks on a turntable, pickle, ultra-sonic cleaning and polishing facilities, micro-weld machine and flexible shaft pendant motors.
- Tools available in the workshop will include: drawplates and tongs, doming blocks and punches, collett plates and punches, steel flat plates, stakes and mandrels, hammers, mallets and sandbags. Micrometers and Vernier gauges.

Marking and assessment

A maximum of 100 marks may be achieved. Marks will be deducted for incomplete elements and those not accurate to the dimensions provided within the stated tolerances.

Marks will be awarded for:

- Accuracy to drawing
- Sawing and filing
- Soldering

- Surface finish
- Dimensions and function
- Level of completion
- Economic use of material

Competition rules

Competitors will only be allowed to use the silver provided for the test and will be required to recycle it in the event of a mistake. The piece will be retained overnight between the two days of the competition.

Contact details

For technical advice about the competition contact:

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For general information about competitions please contact the WorldSkills UK contact centre:

Free phone: 0800 612 0742

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Web: www.worldskillsuk.org