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City & Guilds

601/3306/5 Level 3 Diploma in Jewellery Manufacturing CAD/CAM

OVERVIEW

What does this qualification cover?

This qualification covers a very wide range of areas related to the skills and knowledge required for preparing learners who want to obtain the skills as to work in the Jewellery Manufacturing Industry.

They allow learners to learn, develop and practice the creative skills required for career progression in the Jewellery and Silversmithing Industry.

The following areas that can be covered within this qualification:

- Produce precious metal objects from detailed drawings and specifications
- Mark out and measure materials for the manufacture of precious metal objects
- Produce jewellery components using wax casting
- Produce CAD designs for precious metal objects identify how new and emerging technologies may impact on working practices in the jewellery industry
- Produce CAM prototypes for precious metal objects
- Form complex jewellery components
- Join jewellery components by soldering
- Form complex silverware components
- Join silverware components by soldering
- Apply concepts of metallurgy to the production of precious metal objects
- Produce rubber moulds for lost wax casting
- Use mechanical methods to join precious metal components
- Maintain knowledge of the jewellery industry, allied trades and related technologies

All learners will cover all units which will give them the necessary skills to work in the Jewellery and Silversmithing Industry.



This is a Framework qualification.

Who could take this qualification?

For learners who want a career in jewellery and silversmithing industry,

This qualification is suitable for anyone from 16 years old or over to take this qualification.

WHAT COULD THIS QUALIFICATION LEAD TO?

This qualification could lead to jobs such as:

- Jewellery manufacturer
- CAD/CAM designer

However if you are a newcomer to the Jewellery Industry you may also want to consider the Level 3 Diploma in Jewellery and Silverware Manufacturing, this qualification covers a very wide range of areas related to the skills and knowledge required for preparing learners who want to obtain the skills as to work in the Jewellery and Silver Manufacturing Industry.

This qualification allows you to learn and develop the creative skills required for career progression in the Jewellery and Silver Manufacturing Industry.

There is also the Level 3 Diploma in Jewellery Allied Trades, this qualification covers a very wide range of areas related to the skills and knowledge required for preparing learners who want to obtain the skills as to work in the Jewellery Allied Trade.

This qualification allows you to learn and develop the creative skills required for career progression in the Jewellery Allied Trade.

The learner could progress onto Higher Education or employment within the Jewellery Industry

WHO SUPPORTS THIS QUALIFICATION?

The Goldsmiths' Company