

Goldsmith

Work areas (within which the company will be able to place trainees)

Basic programme

✓ Tick off the appropriate

- Selecting materials on the basis of a fundamental knowledge of materials, including metal alloys and precious metals.
- Working precious metals using machines and tools and applying the basic professional and safety principles, templates and tables.
- Using ordinary hand tools in the performance of simple work assignments related to the making of jewellery, hollowware and cutlery, and using the basic hand tools of the trade in the practice of the following disciplines of the trade: marking metals and precious metals, sawing, drilling, filing, soldering, forging, milling, sanding and polishing, as well as deep drawing and chasing.
- Using and maintaining the hand tools of the trade on the basis of a basic understanding of and familiarity with them, eg tongs, pliers, hammers, punches, files, shears, deep drawing and planishing tools, measuring instruments, soldering guns, rollers and draw plates.
- Understanding hallmark legislation and the quality concepts used in the trade, including the ethics related to the resource assets of the trade.
- Understanding the importance of good craftsmanship and its quality and presenting finished products to customers and others.
- Using a basic knowledge of the history of the trade and jewellery style trends in guiding customers and understanding product design.
- Preparing working drawings, projection drawings and free-hand drawings, and making models.
- Working with 3D software on a basic level.
- Using a basic knowledge of the chemistry of the trade in connection with performing simple processes of the craft.

Work areas (within which the company will be able to place trainees)

Main programme

✓ Tick off the appropriate

- Advising customers on the basis of one's knowledge of past and present styles, designs and fashion trends.
- Repairing and adapting jewellery without stones on the basis of skills and knowledge in the fields of soldering, sawing, filing and emery polishing.
- Cleaning, smoothing and polishing small pieces for customers.
- Carrying out simple casting jobs on the basis of knowledge of casting processes and the viability of the product.
- Making jewellery, hollowware and cutlery on the basis of knowledge of design and fashion.
- Making illustrations of jewellery, hollowware and cutlery on the basis of drawings and/or models.
- Making illustrations and designing jewellery, hollowware and cutlery using CAD software.
- Carrying out simple chasing jobs.
- Carrying out sales and providing customer service and guidance on the basis of knowledge of the craft and the global market.
- Making, maintaining and repairing jewellery made of precious metals on the basis of working drawings and models, using jewellery-making techniques that include the use of jeweller tools to turn precious metals into jewellery, from raw material to end product, including the preparation and processing of precious metals, and fitting and finishing the jewellery.
- Fitting commonly available cabochon or faceted gemstones into settings, including frustrum and collet settings, bezel settings and flush settings; smoothing, fixing gravers and using prong pushers and other small tools for the fixing of gemstones; and displaying knowledge of gemmology, including identification of the most common gemstones.
- Making free-hand drawings, geometrical designs, projection drawings, customer drawings and models in connection with jewellery design jobs.
- Casting using simple moulds and having knowledge about more complex casting methods such as centrifugal casting and vacuum casting; knowledge about rubber moulds, wax models and plaster moulds; and knowledge about the making of casting models in wax and other materials.
- Providing customer guidance on the basis of craft-related specialist knowledge in connection with the sale, repair and maintenance of jewellery.