



**METALLONOBILE**
Trade School for jewellery crafting and design
in Florence

The Metallo Nobile school was established in 1998 and is located in the old part of Florence, a stone's throw from the Ponte Vecchio, in the arts and crafts quarter. The school premises are in a historic building with classrooms for drawing and designing both by hand and by computer, and a large, fully-equipped workshop with individual professional workbenches, and the instruments and tools needed for the various specialisations as well as machinery for complete-cycle casting.



JEWELLERY CRAFTING

A passion for hand-work and metalworking techniques is fundamental for creating jewellery, and a knowledge of workshop practices is indispensable for the developing creative abilities.

This is why the school allows students to practice in open studio after school hours with the help of a

teaching assistant. Courses are built around the needs of both newcomers to this craft and also those who already have some basic knowledge and wish to gain specialisation.

DRAWING AND DESIGNING

Acquiring drawing skills is fundamental for carrying out a project properly: showing an idea, fostering taste and aesthetics by analyzing shape and developing creative capabilities.

Students also have to tackle the technical issues in the creation and rendering of jewels, aesthetics and form in wearability, the evolution of styles and the constraints of the market and clients in general. Students are given support in their participation in national and international competitions and, on being selected, also in rendering the jewels they design.



- ***The school offers each student free use of the workshop for 8 hours of open studio a week.***
- ***Each student receives a complete personal kit of work tools.***
- ***Lessons are morning and afternoon every day from Monday through Friday.***

BASIC JEWELLERY COURSE - B



Study of the characteristics and behaviour of metals during working - laminating, wiredrawing, soldering.

Constructing a jewel: the various components and their combinations, uniting the parts (soldering or mechanical jointing). Modelling in hot and cold wax, in plasticine, hot

and cold silicon casting and rudiments of casting: rings with different kinds of shank, preparation of collets for cabochon and faceted stones, earrings, pendants and necklaces with jointed clasp mechanisms, construction of hinged joints, tunnelled pins with two-pin clasps, bracelets with snap-clasps. Finishing rendered pieces, honing, cleaning and polishing. Various kinds of jewellery enhancing



processes. Practice in stone-setting, and engraving.

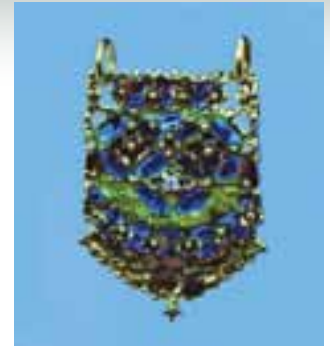
B1 - ONE-MONTH COURSE
(80 hours in 4 weeks)

B2 - THREE-MONTH COURSE
(220 hours in 11 weeks)

B3 - SIX-MONTH COURSE
(440 hours in 22 weeks)

B4 - ONE-YEAR COURSE
(720 hours in 36 weeks)

each course is 20 hours per week



- ***With the exception of those attending the monthly course, all students who have no knowledge of technical drawing, must attend 16 hours of technical drawing and design which is included in the price.***

ADVANCED JEWELLERY COURSE - A

stove enamelling and punch engraving.

A1 - ONE-MONTH COURSE

(80 hours in 4 weeks)

A2 - THREE-MONTH COURSE

(220 hours in 11 weeks)

A3 - SIX-MONTH COURSE

(440 hours in 22 weeks)

A4 - ONE-YEAR COURSE

(720 hours in 36 weeks)

each course is 20 hours per week



Advanced study of the techniques used in jewellery crafting: drawing, laminating, boring, soldering, scratching and embellishing. Hot and cold modelling in wax, modelling in plasticine and the relative casts in silicon, and casting.

Rendering pieces based on drawings and models: rings, earrings, pendants, bracelets and necklaces with complex clasp mechanisms and jointings. Finishing processes of the pieces rendered, honing, cleaning and polishing. Various kinds of jewellery enhancing processes.

Practice in stone setting, and techniques of



- **Students wishing to enrol in the advanced course must pass an admission test to demonstrate their skills in various drilling and soldering exercises.**

COURSE IN JEWELLERY DESIGN AND TECHNICAL DRAWING - D



Technical training and creative aspects at the conceptual stage of the jewel. Correct representation of the idea, education in taste and aesthetics through analysis of shape, development of creative skills.

Analysis of techni-

cal constraints in rendering an idea through limits imposed by wearability and the client's target market: designing one-off pieces or in series, modular jewels created in large and small series. Material technology and industrial and handcraft working, project economic analysis. Designing a set: necklace, earrings, brooch, bracelet,



ring. Each project involves analysing and selecting materials and a decorative technique. Graphics are drawn in pencil, water colours and tempera. There will also be lessons of computer-aided jewel design and the basics of gemmology.



D1 - ONE-MONTH COURSE (64 hours in 4 weeks)

D2 - THREE-MONTH COURSE (176 hours in 11 weeks)

D3 - SIX-MONTH COURSE (352 hours in 22 weeks)

each course is 16 hours per week



COMBINED COURSE - C

SIX-MONTH COURSE IN JEWELLERY AND DESIGN (440 hours in 22 weeks)

Crafting (264 hours)

12 hours per week

Characteristics and behaviour of metal during working. Constructing a jewel: components and combinations for joining the

parts. Hot and cold wax modelling and rendering on the basis of drawings and models: rings with different kinds of shank and preparation of the relative collets, earrings and pendants with jointed clasps, constructing hinged joints, tunnelled pins with

two-pin clasps. Finishing the pieces rendered, honing, cleaning, polishing and enhancing processes. Exercises will be held in stone setting, engraving as well as introductory lessons in casting.



Design (176 hours)

8 hours per week



The course emphasises the technical training necessary for carrying out a project properly. Technical drawing, mixed graphic techniques, volumes and surfaces of metals, chromatic matching and colouration of the various kinds of stone. Clasps, joints, articulations, mechanisms, systems of assembly and joining. Designing a set: necklace, earrings, brooch, bracelet and ring. Study and selection of materials and decorative techniques. The course objective is to create legible models which can be rendered for production.



THREE-MONTH SPECIALISATION COURSE - S

88 hours in 11 weeks (8 hours per week)



WAX - S1

Creation of sculpted pieces for jewellery. The various kinds of wax and their ductility in modelling, the techniques of so-called 'lost-wax' casting, preparing wax and ways of rendering it more or less malleable, the

equipment for modelling it and the weight relationship between wax prototype and finished product.

CASTING - S2

The various kinds of wax, the techniques of 'lost-wax' casting, the tools and machinery of the complete process: from modelling to hot casting in silicon moulds and reproducing the waxes using injectors. Cleaning and finishing the piece rendered.



ENAMELLING - S3

The various kinds of enamel and their classification, enamelling techniques and selecting suitable metals, the working tools, the timing of firing and the finishing process.

ENGRAVING - S4

Preparation and proper use of the working tools, the behaviour of metals and their characteristics during the engraving processes.



STONE SETTING - S5

Function and correct use of the tools necessary for the profession of stone setter, working techniques in cutting, blocking the stone, enhancing the finished product, and fundamentals of gemmology.



3D COMPUTER DESIGN

(RHINO E TECHGEMS 3.0)

One-month course - CD1

32 hours in 4 weeks (8 hours per week)

Two-month course - CD2

64 hours in 8 weeks (8 hours per week)

Accommodation

Students may choose from a series of alternatives:
in single or twin rooms in apartments with use of kitchen,
or half-board, or any kind of hotel.

Certificate of course attendance and diploma

At the end of the course, each student receives a certificate
of attendance indicating the period and number of course hours.
Diplomas are awarded at the end of a one-year course.



Metallo Nobile

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