

Course program

Goldsmith technology

Summary

1. Professor: Francesco Paganini (francescopaganini16@gmail.com)
2. Abstract:

The course aims to provide the scientific basis for the knowledge of materials and technical procedures of goldsmiths. Sometimes this subject is neglected and the focus is only on laboratory practice, but this practice cannot be considered completed without proper knowledge of the subject.

Contents

Year A

- 1) Tools and measuring instruments;
- 2) physical properties of materials;
- 3) chemical properties of materials;
- 4) metals and alloys used in jewelry.

Year B

- 1) Metal smelting;
- 2) Flames and fuels
- 3) Welding;
- 4) The lost wax casting technique;



Year C

- 1) Fundamentals of gemology;
- 2) technical gemology;
- 3) keeping company accounts: first note, depreciation, drafting of estimates.

Materials and resources

Lecture notes in pdf provided by the teacher.

Possibly:

D. Pinton, Goldsmith Technology, Milan, 1999

L. Vitiello, Modern Goldsmithery, Milan (any edition)

Evaluation

Written exam.

