



The Art Students League of New York

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Oscar Garcia Sculpting in Wax: Origins of Bronze

Most of the following supplies may be purchased at the League's art supply store, located in the lobby. It is advisable to speak with the instructor before buying supplies.

The Original

We will start with the original that students sculpt in class at ASL. Then, together we will take our sculpture and learn the steps involved prior to getting our wax copy;

Original in oil based clay- rubber mold- wax copy

Original in mixed materials- rubber mold – wax copy

Original directly in wax

Within a term we plan to make 3 small sculptures in bronze. Students will learn a combination of these methods to broaden the range of techniques involved in getting a wax positive and the eventual bronze cast.

What you need to know about wax

How to sculpt directly in wax?

How to brush or pour into a rubber mold?

What kind of waxes are there?

What are the properties of each wax?

Which wax is best for a certain project.

These are the kinds of topics to be discovered with the class as we move through our individual projects.

Sprue, Gates and Vent Wax

Here we are challenged to look at every individual sculpture and find the best solution to vent our sculpture in preparation for the pour.

Investment Mold

Here we take out gated and sprued sculpture and we make an investment mold that we will later take and burn out the wax in the kiln up at the Vytlačil campus.

The Drama of Pouring Bronze

Every two months we have a scheduled pour at the Vytlačil Campus. Instructor and students go on a day field trip to take part in the pour.

Welding

Cut sprues gates and vents from sculpture

Chase bronze

Patina bronze and mount

Material List that can be purchased in the ASL Art Store

Microcrystalline Wax # 503

Steel Tool #68

Acacia Wood Tool 8"

Wire End Tool #404A

Copper Wire #12- 10ft

3 Wax Sprues 3/8, 3/4, 1/4"

Metal Grinding Wheel

Metal Cutting Disk

3M dust mask

Dremel bit