



Jo Cruickshanks

Mould Making and Casting /Foundations

Workshop Summary

Reproduce objects! Make moulds and cast the object in various materials.

Workshop Outcome

Participants will model in clay, mould in latex and cast in plaster having learnt the methods and techniques for making moulds and casting. They will understand the casting of relief pieces and how to create a split or two piece mould for their sculptural work. Techniques and preparations for casting in other materials (metal and concrete) are discussed.

Educational Component

Students research, develop and resolve ideas related to sculpture. Students consider conventional and unconventional media. Approaches to sculpture include modelling and casting.

Length

2 days

Longer and shorter workshops can be arranged.

Audience

Age: Adults, Secondary school.

Level: Beginners to intermediate.

Group: Youth Programs and Community Groups.

Max No. Participants: 15



Materials List

Participant Requirements:

- Base board to work on, 75cm x 75cm ply or masonite
- Glass jars, 2 or 3 with lids
- Hog hair brushes, 4 inexpensive flat (40mm)- they will be destroyed when used with latex
- Plastic bin bags, 2 or 3
- Clay modelling tools that you may have
- Decorating materials for final cast- paint brushes, assorted acrylic paints
- Cloth rags and a sponge
- Cardboard box, approx 75cm square or bigger and masking tape
- Unbleached calico cloth, 1 metre
- Casting plaster, 12 kg
- Red raku clay, 1 bag
- Latex, 2 litres
- Plaster bandage (Modrock), 1 roll
- Contour mesh (16"x20") or chicken wire
- Wooden dowel for armature, 6mm

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- Venue Requirements
- Lap top and data projector
- White-board
- Access to water, chairs, tables, tea and coffee facilities,

Equipment and Materials to share

- Plastic buckets, 2 household size
- Vaseline 500 g
- Edible vegetable oil, 750 ml
- Disposable gloves 1 box 'handy'
- Red raku clay 1 bag
- Plaster bandage 1 kg roll
- Latex, 1 litre
- Casting plaster half a 20kg bag
- Flat Hog hair brushes 3 x 40mm wide
- Disposable paper dust masks, 1 pkt.
- Unbleached calico 1 metre
- Cleaning equipment – soap, brush, mop, sponges
- Cloth rags, a dozen
- Old newspaper and drop sheets to protect benches and floor
- Plastic bin bags 1 roll (25 or so)
- Selection of clay modelling tools

Materials Levy:

N/A



Workshop Outline

- Construct relief sculptural piece from clay
- Plaster cast from Latex mould of relief sculpture
- Split flange moulds and two piece backing shell
- Body moulds and casts
- Colouring plaster
- Release agents
- Plaster setting speeds

Artist Bio

Originally from England, Jo Cruickshanks is now based in Brisbane. She has studied art at an undergraduate and postgraduate level in both England and Australia. Her eclectic skills include drawing, printmaking and sculpture and her works focus on environmental issues, regeneration and awareness. Currently working as a freelance art worker, Jo has spent the last 25 years teaching, practicing and exhibiting arts in rural, remote and metropolitan regions in Europe and Australia.