



casting with RTV silicone rubber

introductory workshop

RTV Silicone Rubber is a fine casting compound that reproduces with excellent detail from almost any kind of model. It is an extremely versatile material. Silicone moulds can be used for many repeated castings and are suitable for work in plaster, resin, concrete and low melting alloys.

Presenter

Stephen Hands

Stephen trained in mechanical design with Vickers Ruwolt in Burnley before working with Metco Australia on the systems for use in the gas turbine and general engineering industries.

During his time at Metco Australia, Stephen became interested in the possibility of using metal spraying to manufacture metal faced composite tools for resin transfer moulding and the moulding of urethanes. This led to presenting training courses in the Asia/Pacific Region.

In the 1990's Stephen joined Solid Solutions where he was able to further his knowledge working with silicone rubbers and urethane. Stephen is now an independent specialist mould and model maker and presents training courses in these areas.

Suitable for:

People who are wanting to use repeatable moulds and wish to develop their knowledge of materials and skills in making moulds from flat back and 3D objects and cast them with materials such as wax, plaster, concrete or resins. Also:

- Those who want a cast object from buttons, cake moulds, chess pieces, jewellery, corbels, pewter ornaments, automotive parts, to ceramic platters and tiles.
- Industrial Designers
- Manufacturers
- Tool Makers
- Sculptors

Course Outline

Designed as an introduction for beginners. The course covers techniques for producing ONE and TWO piece solid "block" moulds, and a ONE piece plaster reinforced "skin" mould using the "spreading" technique.

Participants will make :

- A one piece "skin" mould and
- A two piece "skin", created using the pour technique with a positive form cast from each mould.

Enquiries

ISS Institute
336 Glenferrie Road
Malvern Victoria
AUSTRALIA 3144

Telephone

9244 5102

Facsimile

9244 5180

Email

bourne@deakin.edu.au

International
Specialised
Skills
Institute Inc



Founded by Sir James Gobbo AC CVO in 1989, International Specialised Skills Institute Inc (ISS Institute) fills gaps in industries and enterprises where the means of doing so are not available through Australian TAFE institutes and universities. Our operations are directed towards bringing design, knowledge, traditional and leading-edge technologies to Australians - new ways of thinking, new ways of producing for local and international markets.

casting with RTV Silicone rubber

The topics will be covered in three practical hands-on sessions. Also lecture, demonstrations, group and individual discussion.

Course participants will be required to supply items to build their own Casting Kit so they can continue work outside the class-room. A list will be sent to participants upon enrolment.

Lunch - It is suggested that you bring lunch with you on the Saturday sessions to maximise the time spent working and to network with the other course participants - sharing ideas and techniques.

Major Sponsor



Encouraging Excellence in
vocation education and training

ISS Institute proudly
acknowledges the
sponsorship of
Deakin University
and its founders the
Palladio Foundation
and the Australian
Multicultural Foundation.

Dates and Times 2003

Tuesday 20th May
5:30pm to 9:00pm

Saturday 24th May
9.30am to 4.30pm

Saturday 31st May
9.30am to 4.30pm

Venue

Holmesglen Institute
of TAFE, Chadstone

Sponsor

Solid Solutions P/L

Tour Fee

\$255 includes GST,
RTV and other materials.
Course notes and light
refreshments provided.

Enrolment • Entry Requirements

in general no formal entrance requirements are necessary. Prerequisites are stated in the course brochure • **Conditions of Registration** Complete the registration form attached. Enrolment can be made by post or fax. Cash must be paid at the ISS office - do not mail. A letter of confirmation will be sent after full payment of fee.

Note: A position in the course will not be reserved without payment being received by this office. Enrolment is on a first-come-first-served basis based on time of receipt of fees. If you have not received your letter of confirmation, please contact the ISS Institute office on 9244 5102 to find out the status of your application. *Do not assume that because you have mailed an application you are automatically enrolled in the course*

• **Refunds** Please check your enrolment carefully. We regret that a refund will only be given if the course does not proceed • **Cancellation** ISS Institute reserves the right to cancel the course if minimum enrolment numbers are not attained. In the event of cancellation due to insufficient enrolments or other, all fees will be fully refunded. Two or more working days notice will be given should the course be cancelled • **Disclaimer** ISS Institute reserves the right to amend or cancel any or all sessions listed herein without notice or prejudice.
Feb 2003

REGISTRATION FORM (Please print clearly)

I wish to Enrol in:

Course Name _____

Course Fee \$ _____

First Name _____

Surname _____

Company _____

Position _____

Address _____

Postcode _____

Phone _____

Fax _____

Email _____

Mobile _____

Mail to

Attention: Carolynne Bourne
Deakin University
336 Glenferrie Rd
Malvern 3144

Enquiries

Phone 03 9244 5102
Fax 03 9244 5180
Email bourne@deakin.edu.au

Photocopy for additional applicants.

Payment Method

- Cash *Pay directly at ISS office or by arrangement.*
 Cheque *Make payable to "Deakin University".*
 Postal Order *Make payable to "Deakin University".*
 Credit Card *Diners and American Express are not accepted.*
 Bankcard Mastercard Visa

Name on Card _____

Card Number _____

Expiry Date ___ / ___

Cardholder Signature _____

Conditions of Registration

I hereby agree to abide by the regulations of the ISS Institute

Your Signature _____

Date _____