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SAIF Foundry Technology Program Short Courses – Gauteng

University of Johannesburg, Doornfontein Campus
Johannesburg

QUARTER 2 – 20 May to 29 July 2023

Registrations open Tuesday, 02 May 2023

Registration Forms available from SAIF Office – mbiljon@uj.ac.za

The South African Institute of Foundrymen is offering the following three highly commended training courses for Quarter 2 (May to August 2023) as part of the SAIF Foundry Technology Program in **Moulding & Moulding Sands, Fettling** as well as **Productivity & Production Planning** for the foundry industry in the **Gauteng** and surrounding area.

Please be advised that the institute is working towards a platform to present various courses to industry workers not residing in the Gauteng region by means of online training, however, the above-mentioned courses will be "face to face" teaching only at this time and no long distance or digital training will be available.

We will advise industry in due course on the progress of our online training platform.

The **Moulding & Moulding Sands** Module will consist of seven sections covering inter alia, the following:

- **Moulding Sands**
- **Basic Tests for Greensands**
- **Principles of Moulding**
- **Sand Storage and Handling**
- **Patternmaking**
- **Moulding Processes with Inorganic Binder Systems**
- **Reclamation of Used Inorganic Bonded Sands**

The **Fettling** Module will consist of fifteen sections covering inter alia, the following:

- **Introduction to Fettling**
- **Shot Blasting**
- **Modern Blast Cleaning**
- **Grinding Wheels**
- **Mechanical Assistance**
- **Weld Repair of Castings**

The **Productivity & Production Planning** Module will consist of seven sections covering inter alia, the following:

- **Operations Management**
- **Master Planning**
- **Productivity Improvement**
- **Method Study**
- **Work Measurement**
- **Capacity Requirements Planning**
- **Shop Floor Control**

These courses are aimed at Team Leaders, 1st Line Supervisors, Operations Managers, Operators and Maintenance Personnel in Foundries.

- Lectures will take place on Saturday mornings for approximately 4 - 5 hours.
- Training will commence on **Saturday, 20 May 2023**
- These courses will run over 10 weeks (including revision & exams)
- The course is expected to conclude on **Saturday, 29 July 2023**
- **Students must attend at least 70% of all lectures (5 of 8) to write the final assessment exam.**
- The minimum mark to pass the exam is 50%

Venue: University of Johannesburg

Metal Casting Technology Station

John Orr Building

Cnr Siemert & Beit Streets

Doornfontein, Johannesburg

Times: 08:00 am - 12:30 noon

Cost Per Student: R 3,000.00 Exclusive of VAT (R 3,450.00)

Payment is required on registration of each student.

No registrations will be processed without the required documentation and confirmation of payment.

Contact our offices for registration forms and further information on [011 559-6455](tel:0115596455) or email mbiljon@uj.ac.za

Note:

- **Students may only register for one module at a time.**
- **Registrations close no later than Friday, 19 May 2023**
- **Seats are limited and no late registrations will be processed.**
- **No student in their personal capacity or sponsored by their employer will be permitted to register for training if there are any outstanding fees owed to the institute for training and/or any other services. All accounts must be paid in full and up to date.**
- **No exceptions will be considered in this regard!**

On registration, students will be required to present a copy of their South African ID document, as well as copies of supporting documentation of the most recent or highest level of qualification obtained. (e.g. Class 10 or Standard 9, Matriculation Certificate or N2 Certificate)

Banking Details:

SA Institute of Foundrymen

First National Bank

Lambton (Germiston) Branch

Account Number – [50523653357](#)

Branch Code – **251542**

Reference – Individual Name & Surname / Company Name and Course Name

Confirmation of payment to be forwarded to email mbiljon@uj.ac.za

Company Registrations will not be processed without authorized signatures of the immediate Line Manager or Human Resources Department.

We look forward to your attendance and assure you of our best attention at all times.

Marina Biljon

South African Institute of Foundrymen

Executive Administrator

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www.foundries.org.za

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