



# SAIRAC

South African Institute for Refrigeration and Airconditioning

[www.sairac.co.za](http://www.sairac.co.za)

## JOHANNESBURG REGION

### COURSES 2024 - BMS CONTROLS COURSE

SAIRAC Johannesburg region is pleased to announce the 3rd course for the year.

The skills gap found in industry is well known and much talked about. Coupled to the training is an opportunity for senior people in industry who may be interested to share their experience with the younger generation. Or possibly just a passion to become involved in training and offer their expertise and experience in these evening classes.

The courses are aimed at the gap that exists between the artisan / technician level and engineers.

Should you be interested in taking up the challenge and be involved with the presentation of any of the courses please contact Mariet Pieterse - 0827721694 / [johannesburgsecretary@sairac.co.za](mailto:johannesburgsecretary@sairac.co.za). In order to bring some of the vast experience out in industry back into training, Sairac is on the lookout for senior members of industry to present SAIRAC courses.

The Air Conditioning and Refrigeration Academy will again be used as the training venue. One of the advantages of the venue is an air conditioning / refrigeration workshop where, as necessary the theory can be put into practice (PLEASE NOTE THE ADDRESS – ACRA, 203 Element Road, Chloorkop, Kempton Park).

Mariet Pieterse - 082 772 1694 / [johannesburgsecretary@sairac.co.za](mailto:johannesburgsecretary@sairac.co.za) are managing the bookings and can be contacted with regards to general queries, booking queries, confirmation and availability.

SAIRAC Johannesburg Region presents: BMS CONTROLS COURSE



This course will be presented by Mr. Ian Wilson he started in HVAC controls in 1977 with Honeywell moved around a bit and ended up with Motor Control Construction representing Landis & Gyr from 1982 to 1994 he then started his own business - Direct Digital Control Services in 1994 and still going strong. DDCS represents Innotech Control Systems Australia from approx 2001.

See page 2 -> Course outcomes, prices and dates.

Course Name: BMS Controls Course

Course Outcomes:

- Basic Controls - Pneumatic - Electric - Electronic controls
- The single loop controller - Proportional + Integral + Derivative
- Temperature sensors and their relationship with resistance
- Direct Digital Controls - BMS - Inputs and Outputs - Understanding the different types
- The BMS points list
- Practical using a digital controller  
Tridium, the basics

Venue: The course will be held at ACRA's Premises in Kempton Park  
203 Element Road, Chloorkop, Kempton Park

Duration: 3 evenings

Date: 11, 18 & 25 JUNE 2024

Time: 18h00 till 21h00

Cost: R1752.00 members  
R2268.00 non members

The formula of having selected professionals presenting within their specific field of expertise adds value to the SAIRAC training. In this sense the SAIRAC courses are unique.

Please note: SAIRAC courses are very popular with limited space available, please book early.

See attached -> Enrolment Form