



# SAIRAC

South African Institute for Refrigeration and Airconditioning

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

**JOHANNESBURG REGION**

## COURSES 2019 - PSYCHROMETRICS COURSE

SAIRAC Johannesburg region is pleased to announce the 4th Course for 2019.

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 - 082 772 1694 / [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 look out 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 - 203 Element rd, 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: PSYCHROMETRICS



This course will be presented by Mr. Jannie Potgieter he holds a **B.Eng, Mechanical:** Studied Mechanical Engineering at the North West University, Potchefstroom campus and a **M.Eng:** Completed a Masters in Engineering at the North West University, Potch campus. Jannie currently works at Booyco Engineering and is a Project Engineer.

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

Course Name: PSYCHROMETRICS

Course Outcomes:

- On completion of this course, you should be able to;
- \* Understand the various thermodynamic properties of moist air.
- \* Use these properties to analyse conditions and processes involving moist air.
- \* Use psychrometric charts to establish the interrelationship between these properties from the charts.
- \* Perform the calculations necessary in respect to the removal or addition of

sensible and latent heat from space to be air conditioned.

\* Illustrate the various processes on a psychrometric chart in order to simplify their calculations.

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

Duration: 3 evenings

Dates: 16, 23 & 30 JULY 2019

Time: 18h00 till 21h00

Cost: R1485,00 members  
R1815,00 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