



The skills gap in the industry is well known and widely discussed. To bridge this gap, SAIRAC is seeking experienced professionals who are passionate about training and mentorship. This is a unique opportunity for industry members to share their knowledge and expertise with our members and non-members through these courses.

Our courses are specifically designed to address the gap between artisan/technician-level professionals and engineers. By becoming a Facilitator, you can play a vital role in equipping future industry leaders with the skills they need to succeed.

If you are interested in taking up this challenge and get involved with the presentation of any SAIRAC course, please contact Mariet Pieterse at **082 772 1694** or **johannesburgsecretary@sairac.co.za**.

Join us in bringing invaluable industry experience back into training!

ONLINE ADVANCED PSYCHROMETRICS COURSE 1,8,15,& 22 SEPTEMBER 2026



Booking & Enquiries:

Contact: Mariet Pieterse

Phone: 082 772 1694

Email: johannesburgsecretary@sairac.co.za

This course will be presented by Mr. Jannie Potgieter. He studied mechanical engineering at the North West University and holds both B.Eng and M.Eng degrees.

Jannie currently works at Thermologika as a consulting engineer where he specialises in the analysis, design and development of thermal fluid systems.

Course Outcomes: On completion of this course, you should be able to:

- Analyse important ventilation, cooling, heating, humidification and dehumidification processes.
- Analyse energy/heat recovery devices (plate heat exchangers, wheels, heat pipes).
- Combine multiple processes to analyse real world applications
- Use psychrometric charts when performing psychrometric calculations.
- Use psychrometric software and tools to do psychrometric calculations (Psychart, Excel, Python, etc.).

Prerequisites: Candidate must have attended the Introduction to Psychrometric course or have a good understanding of Psychometrics

Note: This is an online course. Candidates should be aware that cameras may be switched on from time to time during the session to support interactivity and discussion.

Venue: Online (Zoom link to be provided)

Course Dates: **1,8,15, & 22 SEPTEMBER 2026**

Time: 18h00 – 21h00

Course Fees: **SAIRAC members** : R2384.00

Non-Members : R3244.00

Please note CPD points will apply to those ECSA members who complete this course.

See attached -> Enrolment Form