

TRAINING DOCUMENT

Advanced VUMA-network

2 Day Masterclass

BBE Johannesburg

Date:

6 - 7 March 2025 - 2 Days

21 - 22 August 2025 - 2 Days

**For other additional dates please
contact us on info@vuma3d.com**

Table of Content

Boost your VUMA skills!	3
Drive ventilation planning and design in your company.....	3
In just 2 days you will:	3
How will you learn?	3
Who will you learn from?	4
Pricing.....	4
Tailored training options	4



Boost your VUMA skills!

The 2-day masterclass in **Advanced VUMA-network** teaches complex principles of modelling for a variety of mining projects. The course is designed to enhance the level of expertise in ventilation modelling techniques for experienced users in ventilation planning and design using VUMA. Throughout the course, techniques will be presented in the context of practical mining industry applications, ensuring comprehensive and reliable outcomes.

Good ventilation modelling practices and quality control should not be an afterthought, but rather an integral part of ventilation modelling.

Drive ventilation planning and design in your company

This course is delivered in collaboration with the BBE Group. Learn from industry thought leaders as you recognise the untapped potential VUMA can bring to your business planning process. The course is designed to allow for 2 days of experiential learning under the guidance of the VUMA software team.

In just 2 days you will:

- Enhance practical ways for ventilation planning and design from greenfield through to full-scale mining operations
- Recognise the risk and value of ventilation modelling and design in mining projects
- Unpack features and dashboards for the modelling process
- Work through case studies and practical exercises
- Deep dive of ventilation model reviews
- Presenting a model

How will you learn?

Each course is broken down into manageable modules designed to accelerate your learning process. You'll be supported as you engage in individual activities and group discussions, ensuring you feel confident with VUMA.

Day 1

- Check In
- Speed networking
- VUMA Recap of the Essentials course
- Advanced reference drawing management
- Secondary ventilation
- Professional and efficient set-up for model construction
- Fire modelling



Day 2

- Escape route planning
- Auditing and review of a ventilation model
- Dashboards
- Blast clearance simulations
- What ifs
- Presenting with VUMA

Who will you learn from?

This masterclass is guided by VUMA Software team members who will share their experience and in-depth subject knowledge with you throughout the course.

Hendrik Botma Chief Technology officer

Hendrik Botma is the Chief Technology Officer (CTO) of VUMA Software. He has been developing VUMA for over 15 years. Hendrik was involved in the evolution of the software from a basic 2D program to a fully-fledged, ground-breaking 3D simulation suite. He has contributed to many published whitepapers and has addressed regional and international Mine Ventilation Conferences. Hendrik holds an honours degree in computer science from the University of the North-West in South Africa.

Hendrik will be supported by one or more senior ventilation practitioners from the BBE Group.

Pricing

Johannesburg
R8000 per candidate

Tailored training options

Need to get the whole team up to speed? We can come to you. For various-sized groups, the trainers will design a bespoke programme to meet your business needs with examples and models to suit your business. Tailored training is the most cost-effective and convenient option for teams, so get in touch today and let us customise your training experience.

