

SETTING THE STANDARD OF EXCELLENCE

Book now for the **MAP & PLAN READING** course

Why do you want to do a Map and Plan Reading Course? (Course details on page 2)

We are the only institution offering courses for Land & Rights related professionals to develop and skill themselves.

Date: Will be determined after 10 learners register

Venue: Will be on request

Cost: **Approximately R 5 000**
Exact cost will be dependent
On location and venue

Registration closes: 2 weeks before
Course date

Facilitator: SARWA has SAQA accredited
Facilitators for this course



Send your request to register for this course to info@sarwa.co.za

Map & Plan Reading Course

DAY 1

Registration
Overview and pre-assessment

Vertical aerial imagery

- Aspects of aerial photography interpretation
- Historical photography
- Application in the workplace

Topographic maps - Basic map reading

- Map Symbols
- Understanding contours (slopes; landforms)
- Drainage
- Representation of height
- Scale

DAY 2

Co-ordinates

- Latitude and longitude
- Plotting geographical co-ordinates

Understanding Cadastre

- Land Reform in South Africa
- Land registration and the cadastral system
- Understanding Surveyor-General information
- Putting it all together: cadastre, rectified images and topographic maps

The South African co-ordinate system

- Understanding Y – X values
- Plotting position using Y – X values

DAY 3

Basic GPS

- Global Navigation Satellite Systems (GNSS) – Basic principles
- Practical GPS exercise
- Plotting co-ordinates (waypoints)

Evaluation and post-assessment