

2025 Training Courses

Tailored on-site courses are available upon request



XRF in the Workplace

12 – 16 May | 10 – 14 November Conducted live in Perth, Western Australia

Academia / Early bird rate: \$4,255 (Ends 2 months prior | Usual price: \$4,725). All prices exclude GST

Delivered, developed and refined for over 20 years, this course provides an introduction to XRF elemental analysis in an applied environment. Build on your foundational knowledge in laboratory practices, the XRF technique and spectrometry. Excel during the hands-on practical sessions which span from sample preparation through to analysis. Develop and enhance your understanding of XRF hardware, troubleshooting and quality control.



- **Suitable for:** Anyone new to XRF or those who want a refresher. Programme is XRF brand agnostic, so all users of XRF may apply.

Super Q Version 6 Hands-on Training (For WDXRF users)

29 Apr – 1 May | 14 - 16 October Conducted live in Perth, Western Australia

Academia / Early bird rate: \$3,150 (Ends 2 months prior | UP \$3,550). All prices exclude GST

This 3-day in-person training is tailored for Super Q Version 6.0 for Zetium WDXRF Users. During this training, our application specialist provides step-by-step guidance towards using the software, including how to set up programmes and how to analyse and interpret the data. Each attendee will have access to a PC. Participants can expect data set tutorials for hands-on learning.



- **Suitable for:** Existing users of Malvern Panalytical WDXRF (e.g. Zetium) using SuperQ version 6. It is expected that participants are equipped with basic knowledge of XRF.

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Panalytical**
a spectris company

ON REQUEST BASIS

Malvern Panalytical is happy to accommodate specific requests from companies to organise customised or company on-site courses based on your requirements. Reach out to us for rates.

XRD in the Workplace (3 days)

Building on our experience, we provide an introduction to XRD phase analysis which serves to build your foundational knowledge in the XRD technique and diffractometer. This is so you can excel during the hands-on practical sessions from sampling, experimental set up, troubleshooting for best quality results to analysis.

- **Suitable for:** Anyone new to XRD or those who want a refresher. Programme is XRD brand agnostic, so all users of XRD may apply.

Aeris Compact XRD (1 day)

This programme will cover sample preparation, instrument performance verification as well as practical knowledge for before, during and after XRD measurement. These include instrument set up, measurement program optimization and measurement execution. Our application specialist will also cover the data quality evaluation and overview of the data analysis. For in-depth data analysis join our Powder XRD data analysis programme in June.

- **Suitable for:** Existing users of Malvern Panalytical Aeris benchtop XRD. The basic knowledge of XRD is beneficial, however, not required.

Powder XRD Data Analysis Training Using HighScore Plus (3 days)

Learn about XRD data analysis and application from our application specialists and HighScore Plus software developer. During this 5-day course, we will cover topics including how to interpret powder XRD data alongside application examples, phase quantification using the Relative Intensity Ratio (RIR) and Direct Derivative Method (DDM), quantification of amorphous content using PONKCS, K-factor, crystallite size & micro-strain, indexing and structure solution as well as tackling large data sets using automated batch analysis and more. During the session, you may also book one-on-one sessions with our specialists to discuss your challenges and sample analysis.

- **Suitable for:** Existing users of Malvern Panalytical XRD or anyone interested to learn more about XRD applications and analysis using HighScore Plus software. It is expected that participants are equipped with basic knowledge of XRD

Epsilon XRF Hands-on Training (3 days)

This 3-day programme provides step-by-step guidance towards using the software, including how to set up applications and how to analyse and interpret the data. Each attendee should have access to a PC with remote software connection. Malvern Panalytical will issue a trial version of the Epsilon software with data set tutorials for hands-on during the training. For greater understanding of the applications, participants will participate in live remote demonstrations from our applications laboratory.

- **Suitable for:** Existing users of Malvern Panalytical EDXRF using Epsilon software. It is expected that participants are equipped with basic knowledge of XRF.

Super Q Version 5 for AXIOS Users (3 days)

This programme provides step-by-step guidance towards using the software, including how to set up programmes and how to analyse and interpret the data. Each attendee should have access to a PC with remote software connection. Malvern Panalytical will issue a trial version of the SuperQ software with data set tutorials for hands-on during the training. For greater understanding of the applications, participants will participate in live remote demonstrations from our applications laboratory.

- **Suitable for:** Existing users of Malvern Panalytical AXIOS WDXRF using SuperQ. It is expected that participants are equipped with basic knowledge of XRF.