



ICS ANALYTICS
Productivity with Compliance

Create Efficient Laboratories and Systems

Course Description

Course Objective:

Modern laboratories must be flexible to adapt to the changing regulatory and commercial environment as well as the requirements of equipment and staff. However, many laboratories operate with rigid systems and structures through history or design. The change from an “old” to a “new” laboratory will introduce both risk and opportunity.

In this result-focussed workshop, you will look at the operating environment and how you can develop a best practice laboratory using your experience and that of your team members. Covering the major aspects of laboratories, we shall develop the “ideal” laboratory through a series of guided practical exercises.

Course Outline:

The course covers:

- » Laboratory aims and objectives,
- » Regulatory standards and OHS requirements,
- » Workflow analysis for efficient design,
- » Systems for flexibility and durability,
- » Efficiency through instrumentation and automation, and
- » Minimising risks during change

Certificate of Participation:

Certificates of Participation will be awarded to participants who have achieved 75% attendance for the course

Course Leader:

Greg Jordan has over 30 years experience in HPLC, GC, Mass Spectrometry, Environmental and Pharmaceutical Analysis (QC, Stability and R&D). He has delivered courses in universities and companies in Australia and Asia.

Bookings or Further Information:

Further information email or phone ICS Analytics at
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Outcomes:

On completion of each module, the candidate will be able to:

- » Apply knowledge in a practical situation, and
- » Use the skills to solve “real” laboratory problems.

Who’s it for:

- » The course is designed for:
 - » Laboratory & Technical Managers
 - » Operations Managers
 - » Chemists, Scientists, Engineers
 - » Architects
 - » Design Consultants
 - » Facility/Building Managers

Course Format:

- » This workshop will progress through a number of activities, beginning with current and moving to the future or planned laboratory.
- » Attendees will work in small teams and use their current situation, experience and laboratory to review and create an efficient laboratory and surrounding systems.
- » Course notes that include the slides, explanatory information and references are provided to each participant.