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ErhvervsAkademi  
Sjælland

## Liquid Handling: Fundamentals & Applications, Maintenance and Calibrations

**eppendorf**  
— Nordic —

### Course objectives:

- To obtain thorough understanding of the principles in liquid handling and correct pipetting techniques to ensure continuous accuracy
- To obtain thorough understanding of the principles in liquid handling and correct pipetting techniques to ensure continuous accuracy and reproducibility of results.
- To implement in-house pipette maintenance procedures and to be knowledgeable in pipette calibration according to standard norm.
- To improve working conditions by understanding the ergonomics of tools and the work environment.

### Target group:

- Laboratory technicians and service engineers
- Individuals who are responsible for pipette maintenance and calibration
- Individuals who need to perform regular pipetting procedures

### Course content:

#### Theory

- Principles in liquid handling and correct pipetting techniques
- Guidelines to proper handling and decontamination of pipettes
- Pipette calibration according to ISO 8655 and statistical analysis of calibration results
- Ergonomics of pipetting

#### Practical

- Correct pipetting techniques
- Pipette disassembly/assembly for decontamination
- Pipette calibration via gravimetric method

The course will be conducted in English but there are opportunities for translation.

### Trainers:

Lu Foong Teng, Eppendorf AG, Germany  
Helen Berg, Eppendorf Nordic, Denmark

For enquiries about the course, please contact Eppendorf Product Specialist, Helen Berg via Tel: 4324 0012 or Email: [berg.h@eppendorf.dk](mailto:berg.h@eppendorf.dk)

**Registration:** Please contact the course secretary, Birte Hoberg, Business Zealand, Campus Roskilde, Maglegårdsvej 8, 44000 Roskilde via Tel: 4634 6404, Fax: 4634 6409 or Email: [bbh@ucr.dk](mailto:bbh@ucr.dk)

### Further information:

- Date April 11. 2012
- Duration 1 day
- Price DKK 1400 + VAT (1750)
- Course type IDV
- Location School of Zealand, Campus Roskilde, Maglegårdsvej 8, 4000 Roskilde
- Catering Morning and afternoon in the classroom. Lunch in the restaurant.



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