

The Gwent Group Catalogue

Printing Workshops

The Gwent Group offers a selection of printing workshops for different applications. The workshops are comprised of theory and practical applications. Each workshop is customisable and flexible to suit individual needs.

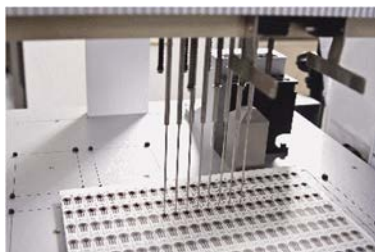


Standard Screen-Printing Workshop

The Standard Printing Workshop is a two day workshop. Designed as an introduction to screen-printing and ink selection.

The workshop consists of the following areas:

- Introduction to Manufacturing of Ink
- Theory on Different Printing Techniques
- Quality Control of Ink
- Practical Setup and Printing (Electrodes)
- Printing and Screen Selection Theory
- Print Scale Up Theory



Screen-Printed Biosensor Workshop

The Screen-Printed Biosensor Workshop is a three day workshop. Designed as an introduction showing the development of a biosensor, from printing to testing and calibrating a full biosensor.

The workshop consists of the same as the Standard Printing Workshop with the addition of:

- Introduction to Electrochemistry Techniques and Uses
- Electrochemical Quality Control of Ink
- Enzyme Deposition and Drying
- Testing and Calibration of Basic Biosensors
- Enzyme/antibody Stabilisation Theory
- Capillary Fill Applications Demonstration
- Cutting and Packaging Applications Demonstration and Theory



Electroluminescence Lamp Printing Workshop

The Electroluminescence Printing Workshop is a single day workshop. Designed as an introduction to screen-printing electroluminescence lamps and testing.

The workshop consists of the following areas:

- Introduction to Electroluminescence Lamp Design and Functions
- Theory and Guide to the Different Inks and Substrates
- Practical Setup and Printing of Basic Electroluminescence Lamp
- Theory and Guide to Drying/Curing Different Layers
- Practical Encapsulation of Electroluminescence Lamps
- Testing Demonstration of Electroluminescence Lamps

For more information and enquiries please visit www.gwent.org or email us at sales@gwent.org

All values reported here are results of experiments conducted in our laboratories and are intended to illustrate the products performance. They are not intended to represent the products specifications