

2003 IGB International Course

September 8–October 10

A five-week unique course for brewing professionals who want to improve their knowledge and understanding of the Lager brewing process. The course covers the syllabus for the Institute & Guild of Brewing Associate Members Examination.

COURSE OBJECTIVE

To provide a scientific, technical and economic understanding of modern lager production. You will be introduced to world brewing technology with a foundation study in Brewing Engineering. During the ensuing five weeks, a galaxy of experts from industry and academia will guide you through the Course.

COURSE CONTENT

The Institute & Guild of Brewing International Course is designed to give candidates a thorough grounding in brewing science and technology. Leading experts, including Academics, Practising Brewers, Consultants and Suppliers, from the UK and around the world, are invited to give lectures and run tutorials on their specialist subjects. Theoretical content is supported by Industry visits to Breweries, and Allied Industries (e.g. Maltsters, Hop Farms, Manufacturers) to give candidates the opportunity to view brewing plants in action.

Brewing Raw Materials, Barley, Malt, Hops, Water, Adjuncts

- Selection
- Cultivation
- Biochemistry
- Processing
- Products
- Economics

Brewing, Processing and Production

- Wort production, biochemistry, process equipment
- Yeast, biology, handling, propagation
- Fermentation, biochemistry, process equipment
- Maturation, stabilisation, clarification & conditioning
- Filtration
- Analytical measurement – foam, gushing, haze
- Microbiological methods – spoilage organisms

Packaging

- Bright beer
- Pasteurisation or sterile filtration
- Small pack
- Bulk packaging
- Warehouse and beer storage
- Beer dispense

Process Control and Engineering

- Basic engineering principals – fluid flow, heat transfer
- Gas
- Design project
- Utilities
- Project management

Industrial visits will include:

- Modern lager breweries
- Maltings
- Hop farm
- Suppliers of brewing plant and equipment

Professors Forum

A group of international experts will be invited to present papers on their specialist subject and will be available to answer questions and queries that have cropped up during the course.

ATTENDANCE

The course is full time, with both study and organised social activities during some of the evenings and weekends.

COSTS

The Course fee includes:

- All tuition costs and local taxes
- Course materials and documents
- Travel to training locations
- All breakfasts and luncheons during the working week
- Dinners on special occasions
- Travel, telephone, laundry, normal evening meals, meal-time drinks and extras will **NOT** be paid for by the IGB. Therefore, the delegate should settle these costs, prior to departure.

ENTRY QUALIFICATION

Although no formal qualifications are required when joining the International Course, the Course is designed for English-speaking delegates at the Graduate level, with at least two years malting, brewing or related experience. The only pre-requisite is that you are required to be a Member of the Institute & Guild of Brewing upon entry. Membership in the IGB is included in the course fee, and appropriate membership procedures will be initiated once the IGB has received your application.

COURSE FEE AND APPLICATION

The fee for the Course will be **£6,368.75** per delegate plus **£4,500** for accommodation – the full cost is subject to UK Value Added Tax (VAT) of 17.5%.

The total amount payable will therefore be **£10,868.75** of which **£1,618.75 VAT can be reclaimed from the UK Government**. For delegates from companies based in the UK, the VAT can be reclaimed immediately on the company's quarterly return. For overseas companies, the Institute & Guild of Brewing will provide the necessary paperwork for submission to the UK Government to claim the refund of VAT.

The inclusive fee for the complete period covers all training costs, travel to training locations, course material and documentation, accommodation, breakfasts, luncheons during the working week, and dinners on special occasions.

The course is held Sept. 8–October 10 2003. Should you require any further information, please contact Andrea via any of the contacts below:

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The whole fee, made payable to The Institute & Guild of Brewing, must be paid by Bank Draft on a U.K. bank in Pounds Sterling, and returned before the advertised deadline.