

# Introduction to Distilling – Short Program

## Science and Engineering

### Outline

This University of Ballarat short program in Distilling will be held at the Victoria Valley Distillery at Essendon Fields from 28 July to 31 July, 2011.

### Career Opportunities

The program is designed to assist the following:

- new graduates entering the distilling industry;
- employees of the industry requiring further skills training;
- people from the brewing industry who want to understand “the other industry that utilises malted barley”;
- complement existing training programs in the distilling and allied industries;
- provide small distillers and enthusiasts with an introduction to the science and technologies of distilled beverages.

### Mode of Study - Length

Held from 28 July to 31 July the 2011 Introductory Distilling Short Program will be the inaugural short program in distilling science and technology.

The program consists of a teaching mix of:

- formal and informal discussions;
- hands-on practicals at the Victoria Valley Distillery facilities and a field trip;
- lectures from local and international industry and University staff

### Registration

The registration fee for the four day, intensive program will include morning- and afternoon teas, and lecture materials. Registration does NOT include meals or accommodation; however, upon request special arrangements can be made.

The fee for the program will be AU\$950 (incl GST), and numbers will be restricted to approximately 16 participants.

All candidates would be expected to have a working knowledge of at least one facet of the distilling industry; and a reasonable understanding of scientific principles to upper secondary education would be an advantage.

The University of Ballarat reserves the right to cancel or reschedule the program as a result of insufficient numbers, or other unforeseen circumstances. Late registrants are not guaranteed a place. Cancellations after 12 July, 2011 may incur an administration fee.

### Content

#### Thursday July 28

15:00 – 16:00 Welcome  
16:00 – 18:30 Raw materials  
17:30 – 19:00 Dinner  
19:30 – 20:30 Yeast

#### Friday July 29

8:00 – 9:30 The malting Process  
9:30 – 10:30 Floor malting and Peating  
10:30 – 10:45 Morning Tea  
10:45 – 11:45 Mashing (theory)  
11:45 – 12:30 Sensory evaluation 1  
12:30 – 13:30 Lunch  
13:30 – 14:30 Fermentation (theory)  
14:30 – 16:30 Mashing (practical)  
16:30 – 17:30 Distillation (pot still)  
17:30 – 18:30 Sensory evaluation 2  
18:30 – 20:00 Dinner  
20:00 – Wood policy and Maturation

#### Saturday July 30

8:30 – 9:00 Fermentation Prac 1  
9:00 – 10:00 Distillation technology  
10:00 – 10:30 Morning tea  
10:30 – 11:30 Cooperage  
11:30 – 12:30 Distillation (chem. theory)  
12:30 – 13:30 Lunch  
13:30 – 15:30 Visit to maltster  
15:30 – 16:00 Afternoon tea  
16:00 – 17:00 Tequila  
17:00 – 17:30 Fermentation Prac 2  
17:30 – 19:00 Dinner  
19:00 – Sensory evaluation 3

#### Sunday July 31

7:00 – 8:30 Bourbon breakfast  
8:30 – 9:00 Fermentation Prac 3  
9:00 – 11:30 Distilling Prac  
11:30 – 13:00 Neutral spirits  
13:00 – 14:30 Lunch  
14:30 – 15:30 Running a Micro-Distillery  
15:30 – Close

# Introduction to Distilling - Short Program

## Application - Introduction to Distilling Short Program 28 – 31 July, 2011

Name: .....

Address: .....

Postcode: .....

Phone: ..... Mobile: .....

Email: .....

Signature: .....

Please enclose a cheque (in Australian Dollars) for: AU\$950

Detach and return to: Dr Frank Vriesekoop  
School of Science and Engineering  
University of Ballarat  
PO Box 663  
BALLARAT VIC 3353  
AUSTRALIA

**Return by: 8 July, 2011**

For further information on this program contact:

Dr Frank Vriesekoop  
School of Science and Engineering  
University of Ballarat  
PO Box 663  
BALLARAT VIC 3353  
AUSTRALIA

Telephone: + 61 3 5327 9247  
Fax: + 61 3 5327 9240  
email: f.vriesekoop@ballarat.edu.au  
School secretary: + 61 3 5327 9242  
website: www.ballarat.edu.au/ard/sci-eng/

**Mt Helen Campus**  
University Drive  
Ballarat VIC 3350  
03 5327 9000

**SMB Campus**  
Lydiard Street South  
Ballarat VIC 3350  
03 5327 8000

**Camp Street Campus**  
Camp Street  
Ballarat VIC 3350  
03 5327 8600

**Ararat Campus**  
Laby Street  
Ararat VIC 3377  
03 5355 3000

**Stawell Campus**  
Sloane Street  
Stawell VIC 3380  
03 5358 7200

**Horsham Campus**  
Baillie Street  
Horsham VIC 3402  
03 5362 2600

