

Provisional Programme Details

THURSDAY

6.30 – 7.30pm Introduction
7.30 – 8.00 **Dinner**

FRIDAY

8.30 – 10.30 Brewing Raw Materials 1
10.30 – 11.00 Morning tea
11.00 – 12.30 Brewing Raw Materials 2
12.30 – 1.30 Lunch
1.30 – 3.00 Barley, malting and malt
3.00 – 3.30 Afternoon tea
3.30 – 5.00 Process aids
5.30 – 6.00 Dinner
7.00 – 8.30 Hops and hop utilisation

SATURDAY

8.30 – 10.00 Brewing process engineering 1
10.00 – 10.30 Morning tea
10.30 – 12.00 Brewing process engineering 2
12.00 – 1.00 Lunch
1.00 – 6.00 Group 1 Group 2
Maltings visit Brewery practical
Sensory evaluation 1
6.30. Dinner

SUNDAY

8.30 – 10.30 Wort Production
10.30 – 11.00 Morning tea
11.00 – 1.00 Fermentation and Sensory 2
1.00 – 2.00 Lunch
2.00 – 7.00 Group 1 Group 2
Brewing Practical Maltings visit
Sensory evaluation 1
7.30 Dinner

MONDAY

8.30 – 10.30 Yeast and spoilage organisms
10.30 – 11.00 Morning tea
11.00 – 12.30 Post fermentation principles
12.30 – 1.15 Lunch
1.15 – 3.00 Hygiene and sanitation in the Brewery
2.00 – 6.00 Sensory evaluation 3
7.00 Dinner

TUESDAY

All day Brewery visits
5.00pm Finish



Contact Details

Please return your application or direct any inquiries to:

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MASSEY UNIVERSITY
COLLEGE OF SCIENCES



INTRODUCTION TO BREWING

Residential Short Course
26 - 31 August, 2010



Te Kunenga ki Pūrehuroa

APPLICATION FOR INTRODUCTION TO BREWING RESIDENTIAL SHORT COURSE

26 - 31 August, 2010

Name _____

Position _____

Company _____

Address _____

_____ Postcode: _____

Phone _____

Fax _____

Email _____

Signature _____

Which nights will you require accommodation?

THURS	FRI	SAT	SUN	MON

Male Female

Share with _____

Please enclose a cheque (NZ dollars, including GST) for:

Registration	(\$2,250)	
Accommodation	(\$350)	
TOTAL		

Tax invoice required?

Receipt required?

Introduction to Brewing Residential Short Course

Massey University will hold a short course in brewing at its Palmerston North campus in August 2010. Participants will live in. The course will start on the evening of Thursday 26 August for those who can make it, and finishes at 5.00pm on Tuesday 31st August.

The course will be run by the University of Ballarat's Dr Peter Aldred and Dr Frank Vriesekoop. Ballarat have been teaching brewing since 1971 and offer this short course along with a Graduate Certificate and a Graduate Diploma in Malting and Brewing.

Who should attend?

THE COURSE IS DESIGNED FOR

- New graduates entering the brewing industry
- Suppliers to the brewery industry
- Craft brewers seeking to further their skills
- Aspiring micro-brewers with an interest in and awareness of brewing processes.

THE SHORT COURSE CONSISTS OF

- Some formal and informal discussions
- Brewing practicals and demonstrations
- Field trips
- Lectures from Ballarat, Massey and industry staff.



The Massey Microbrewery

Participants will use the 200L Microbrewery at Massey University. The brewery comprises a brew house plus an area of 10 independently temperature-controlled unitanks.

Registration

The registration fee for the five-day intensive course includes most lunches, dinners, morning and afternoon teas, the course dinner and lecture material.

We encourage all participants to live in – accommodation is in the halls of residence at Massey University just a 500m walk from the microbrewery.



The weather in Palmerston North in August can be variable. A typical day ranges from 2°C to 12°C. Average humidity is about 75% and wind speed 15km/hr. One day in three will rain – on that day 4.5mm will fall on average. Be prepared for variability.

The fee for the course will be \$2,250 including GST. The fee for accommodation (bed and breakfast) will be \$350 including GST.

The course will be restricted to the first 16 students to enrol and pay their fees. Massey University reserves the right to cancel or reschedule a course because of insufficient numbers. Cancellations after 16 July may incur a cancellation fee.