



NATIONAL CENTRE FOR
DAIRY EDUCATION
-AUSTRALIA-



Vocational Graduate Certificate in Food Industry Management

(National Code: 22035VIC)

The Vocational Graduate Certificate in Food Industry Management is a nationally accredited postgraduate-focused program for staff wishing to obtain specialised training in dairy technology and manufacturing leadership. The course aims to develop analytical and decision-making skills associated with the application of dairy science and technology in the practical factory environment.

The program covers:

Dairy issues

- Fundamentals in dairy technology processes
- Principles of dairy chemistry, microbiology and unit processes
- Dairy product processes & technology – including liquid milk; fermented & cultured products; concentrated & dried products; frozen products; milk fat.

Manufacturing issues

- Development and analysis of improvement methodologies in manufacturing
- Generating, leading and sustaining innovative organisational thinking and practice
- Developing and implementing strategic plans to sustain competitive advantage and enhance competitiveness.

PROGRAM OVERVIEW

This program is designed to develop depth and breadth in managers who have significant organisation responsibility for improvement in an area of a dairy manufacturing or along the dairy production supply chain. This includes responsibility for implementing change across a range of interrelated projects, including direct responsibility for challenging current thinking in order to generate improvement.

The program initially focuses on the science and technology of dairy product applications, and builds to provide a basis of decision making skills associated with practical factory environment application. The program leads participants through initiation, analysis, planning, execution and evaluation of complex ideas through analysis of specialised techniques in an area where they have a direct line ownership of the outcome.

Much of the course assessment is based around a balance of live research assignments based within their business context and a practical improvement project at the workplace. Thus, students should be able to demonstrate potential to study at the graduate level, as well as a span of responsibility allowing implementation of significant workplace change.

PROGRAM BENEFITS

- A nationally recognised Vocational Graduate Certificate qualification
- Development of dairy food technical knowledge depth and breadth
- Improved competitive advantage of your manufacturing operation
- Development of insight into the evolution of critical and creative thinking of an organization
- Tools to challenge current manufacturing improvement practices
- Job satisfaction through structured workplace improvement projects
- Building business performance through strategic alignment
- Management growth through leading change

ncdea

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COURSE DETAILS

The program is focused around nationally recognised management competencies, 2 core and 3 electives:

The Dairy Food Industry

VU20028 Apply Professional Level of Food Industry Knowledge (Mandatory Core)

- Interpret and apply relevant codes and standards requirements
- Work effectively with industry networks
- Develop in depth knowledge of products and product development
- Analyse major industry trends and change drivers
- Plan for environmental sustainability

Innovative Thinking and Practice

BSBINN801A Lead Innovative thinking and practice (Mandatory Core)

- Generate innovative thinking and creativity
- Lead innovative practices
- Generate and support a culture of innovation
- Sustain innovative thinking and practice

Food and Dairy Technology

VU20030/VU20524 Apply a knowledge of food/dairy technology processes to planning and management

- Dairy and food technology processes
- Designing, implementing and reviewing process change
- Review implementation

Implementing operational improvement systems

MSACMG806A Develop and refine systems for continuous improvement in manufacturing organisation

- Establish parameters of current internal improvement systems
- Distinguish breakthrough improvement processes
- Develop continuous improvement practice
- Establish parameters of current external improvement systems
- Explore opportunities for further development of value chain improvement processes

Applied Strategic Planning

BSBMGT616A Develop and implement strategic plans

- Organizational vision and mission
- Analysis of the internal and external environment
- Writing strategic plans
- Implementing strategic plans

Other elective subjects are available in consultation with the NCDEA, and include MSACMT671A Develop and manage sustainable environmental practices and BSBMKG608A Develop organisational marketing objectives. The program articulates directly to the Vocational Graduate Diploma of Food Industry Management.

TRAINING DELIVERY & ASSESSMENT

The course design and structure is based around 12 month's part-time delivery underpinned by:

- Intensive block release workshops at the Werribee Gilbert Chandler Centre
- On-line learning through the Dairy Virtual Campus
- A developed mentoring program
- Workplace-focused applications and assessments
- Factory practical and/or demonstration sessions to reinforce theoretical aspects
- Lectures, (including input from industry experts), webinars, on-line resources and eLearning, case studies, and laboratory sessions
- A major course assessment by presentation of a workplace performance improvement project to the business

Course dates

The course is expected to commence in March 2012. The program is completed in a minimum time of 12 months part time study.

Fees

Students may be eligible for State Government subsidised training depending on prior qualifications, age and term address. Tuition fees for all government subsidised training vary according to the course category or level. The maximum fee is currently between \$1,250 to \$2,000 per year, depending on the study level. Non-eligible students may enrol on a fee-for-service basis, or may be eligible for exemption.

Diploma option

Students wishing to focus on the science and technology of dairy processing may consider the Certificate IV and Diploma of Food Science and Technology (Dairy). Contact the NCDEA for more information.

ncdea.edu.au 1300 **ncdea** 1300 062332

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